

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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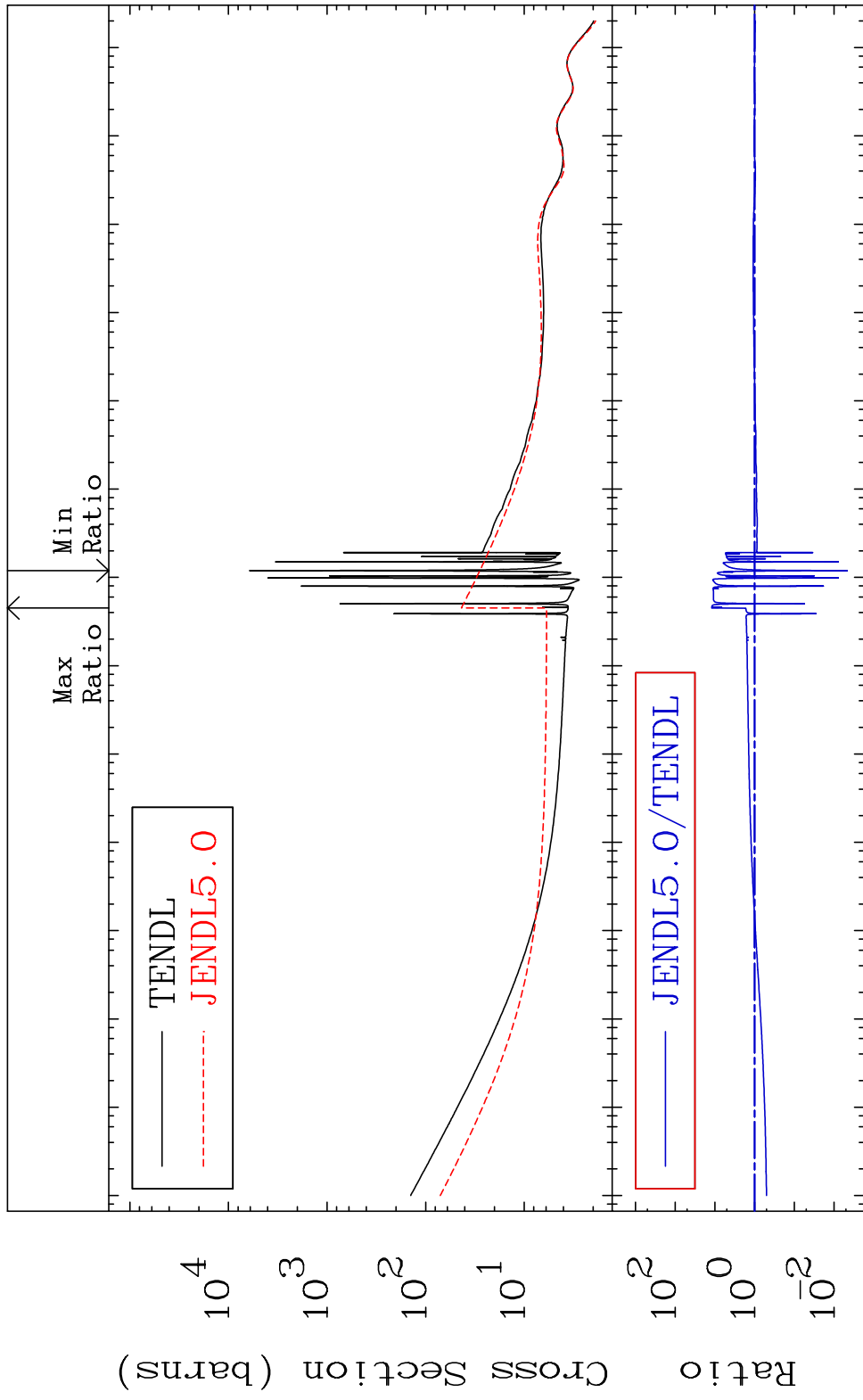
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5047

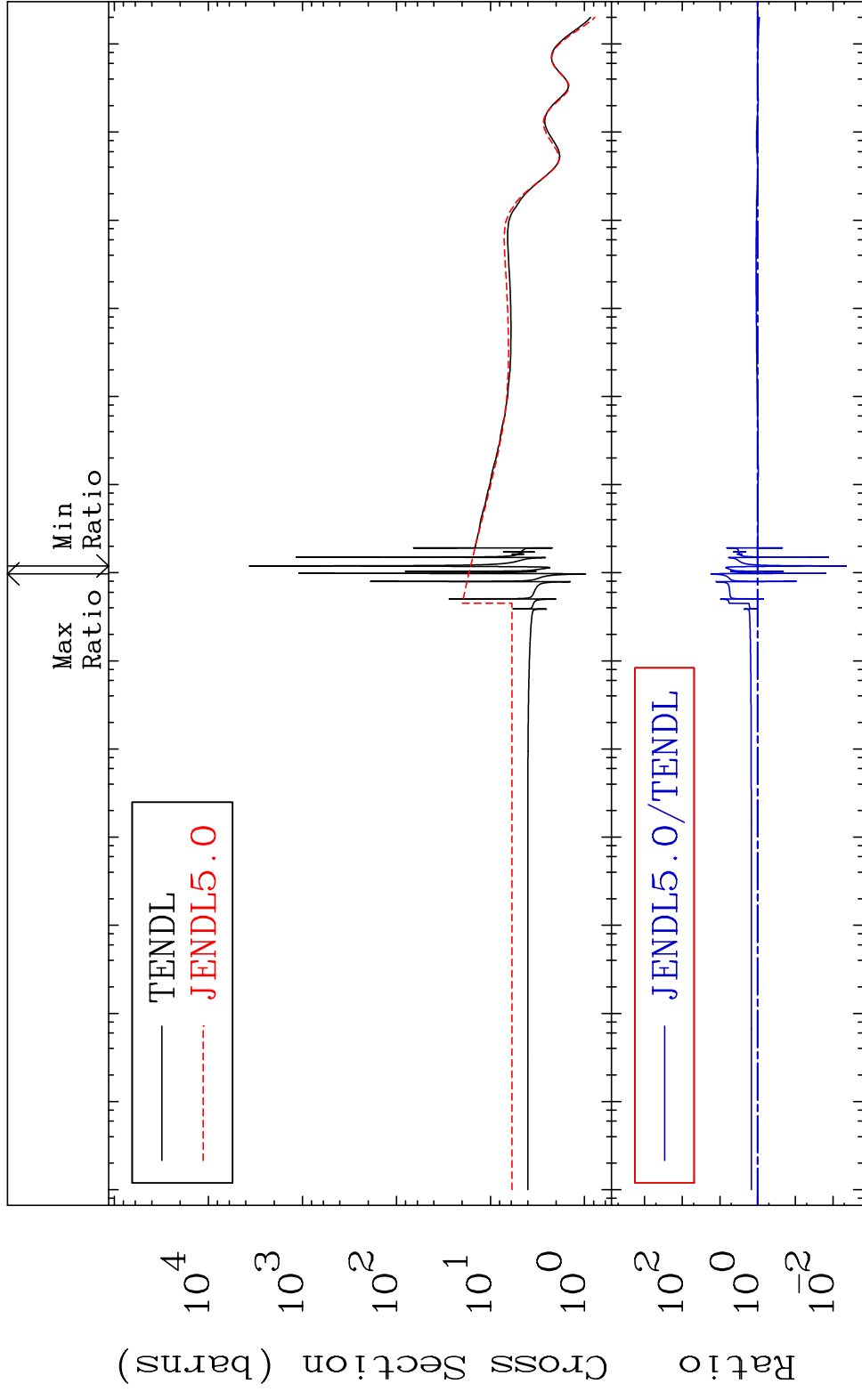
Total Cross Section  
50-Sn-119m  
-99.54 To 1110. %



1 Incident Energy (eV) 50-Sn-119m

MAT 5047

Elastic Cross Section -99.56 To 1654. %  
50-Sn-119m



2 Incident Energy (eV) 50-Sn-119m

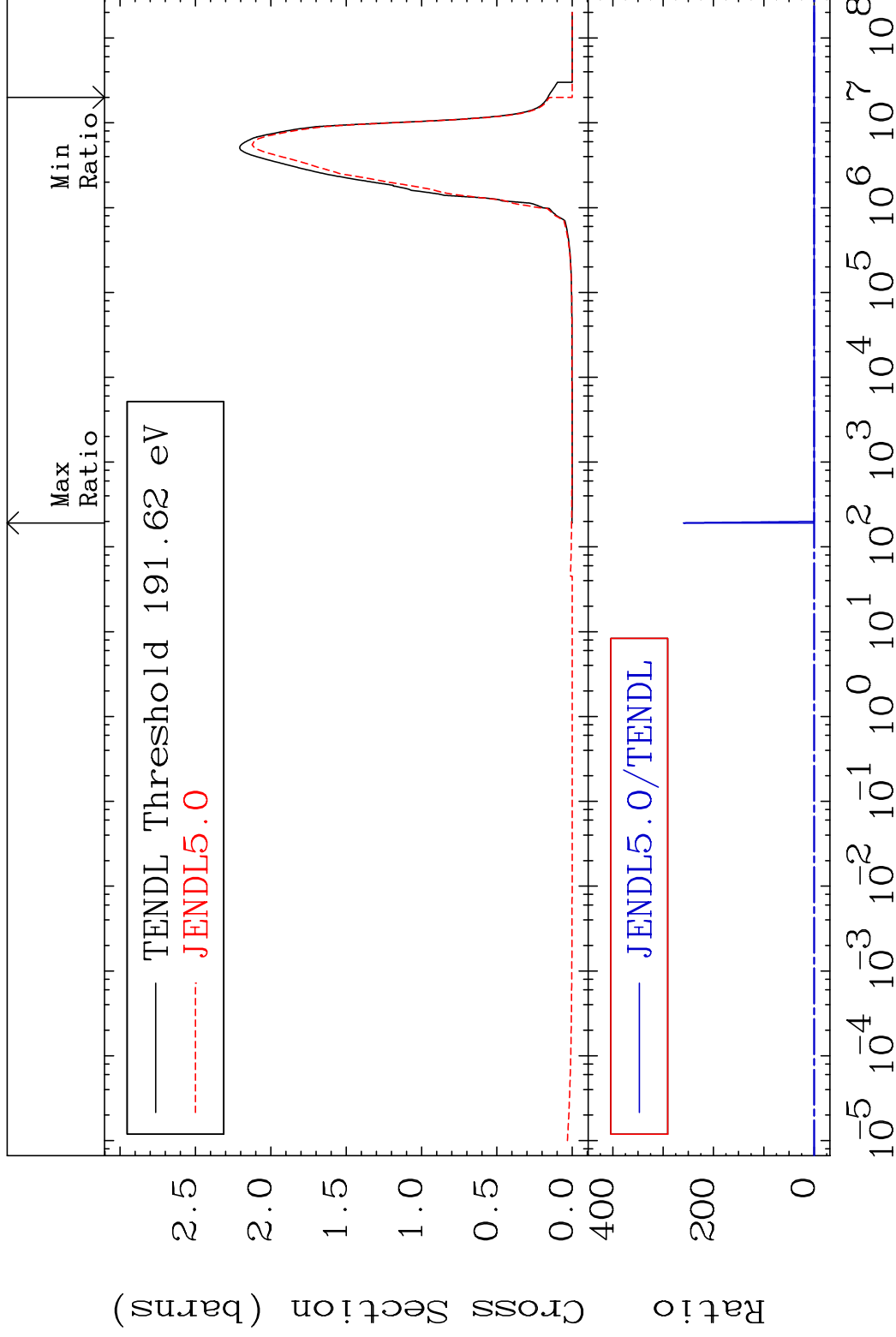
MAT 5047

Inelastic

50-Sn-119m

Cross Section

-100.0 To 9999. %



3

Incident Energy (eV)

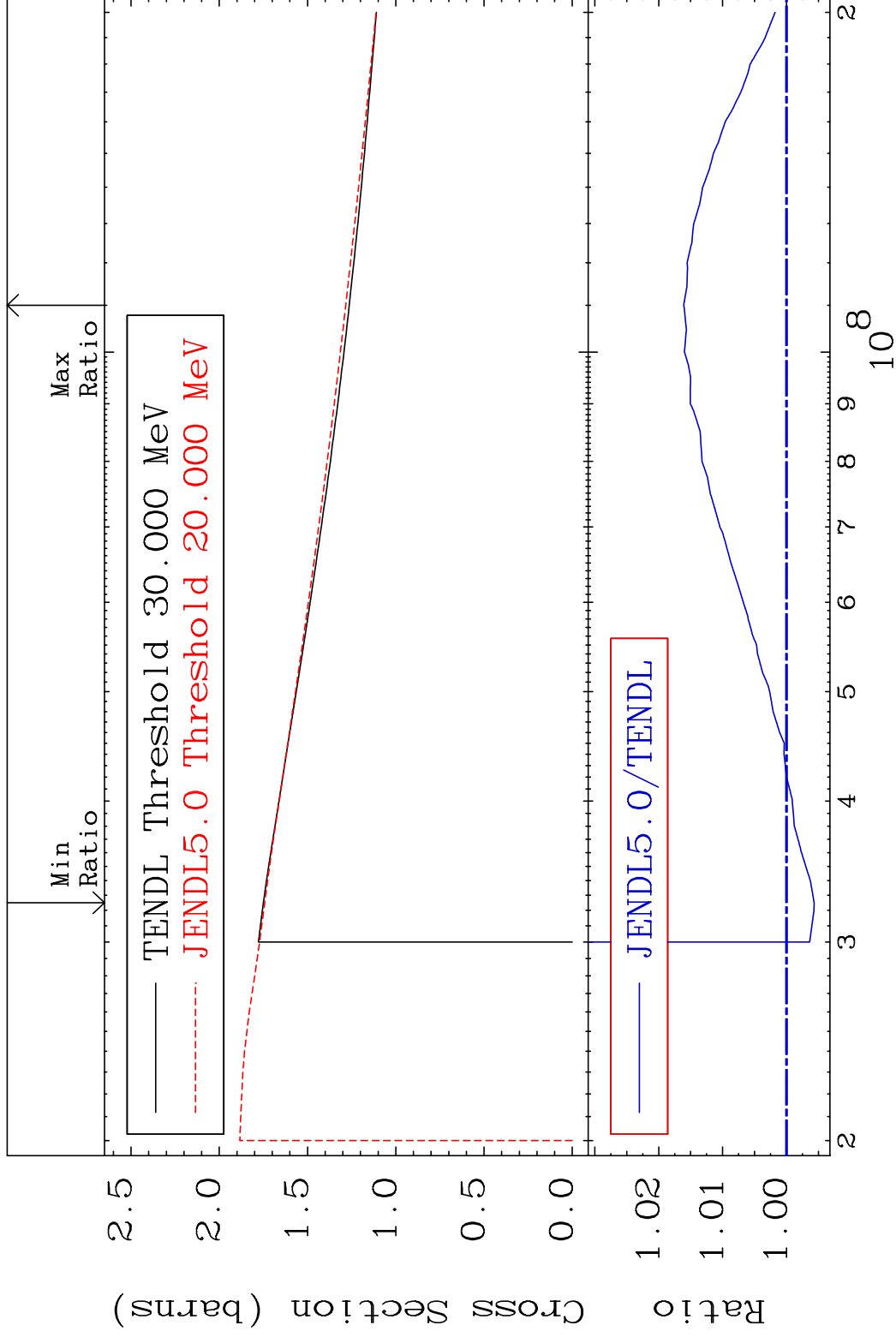
50-Sn-119m

MAT 5047

(n, remainder)

50-Sn-119m

Cross Section -0.432 To 1.609 %



4

Incident Energy (eV)

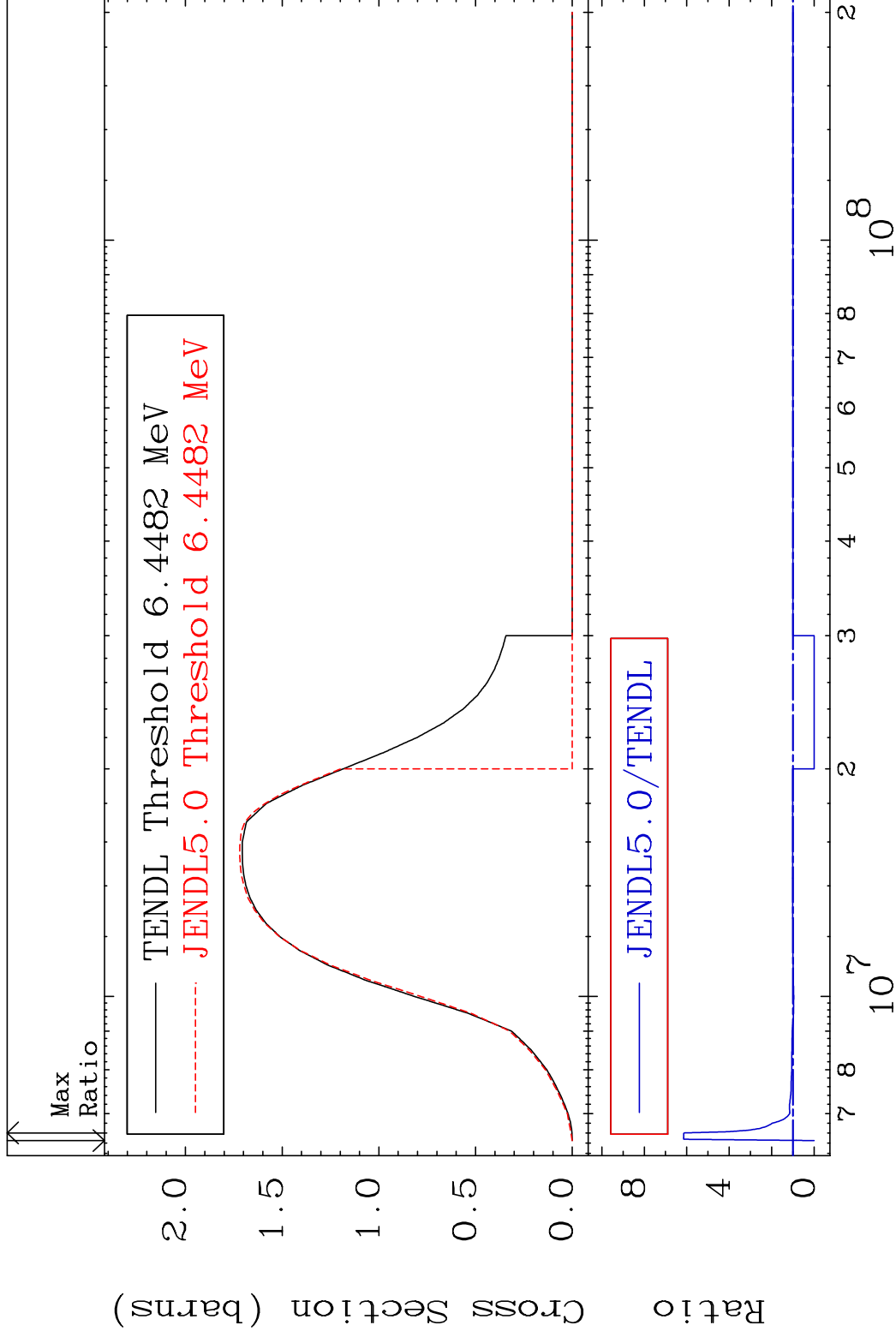
50-Sn-119m

MAT 5047

(n,2n)

50-Sn-119m

Cross Section -100.0 To 514.5 %



5

Incident Energy (eV)

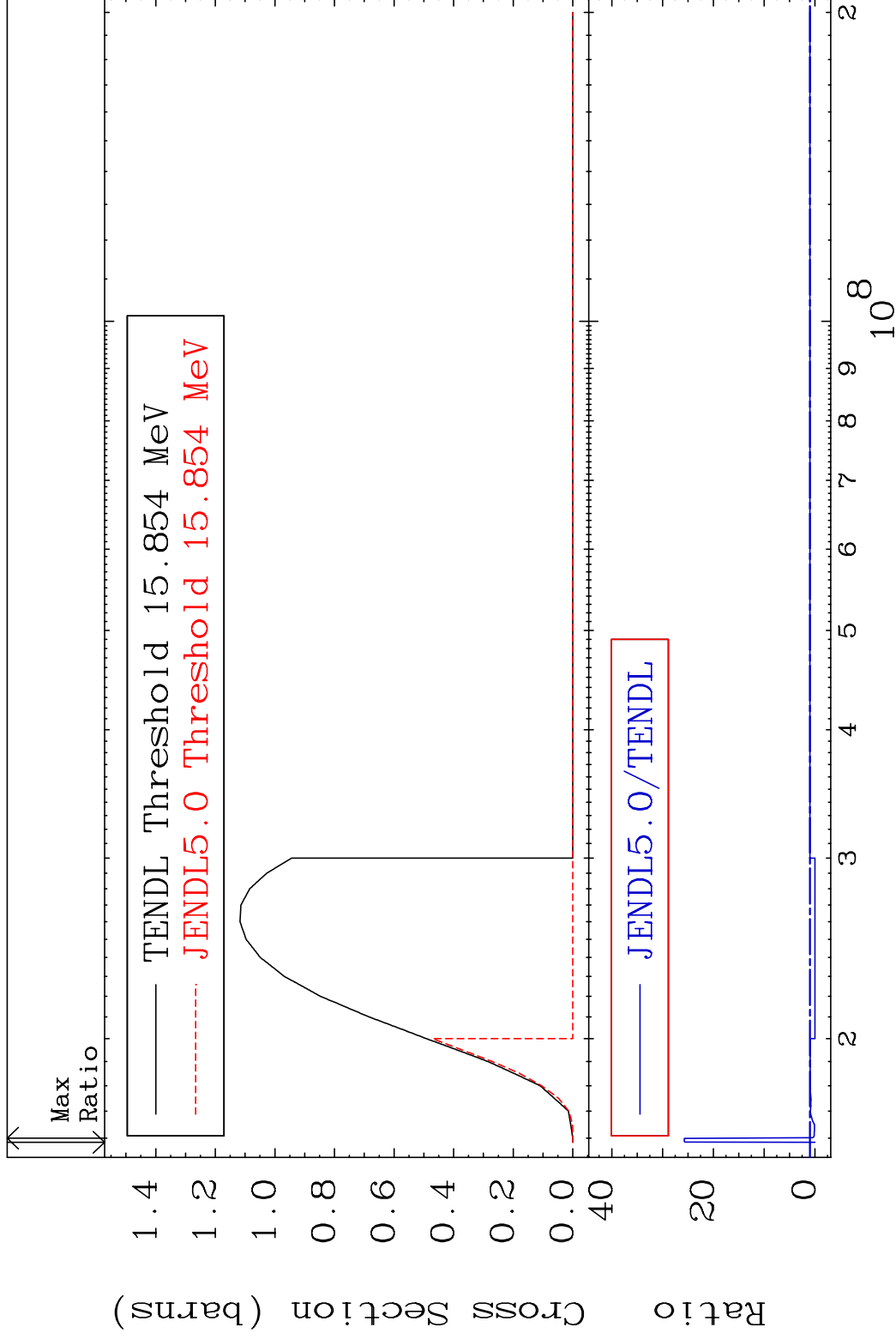
50-Sn-119m

MAT 5047

(n,3n)

50-Sn-119m

Cross Section -100.0 To 2472. %

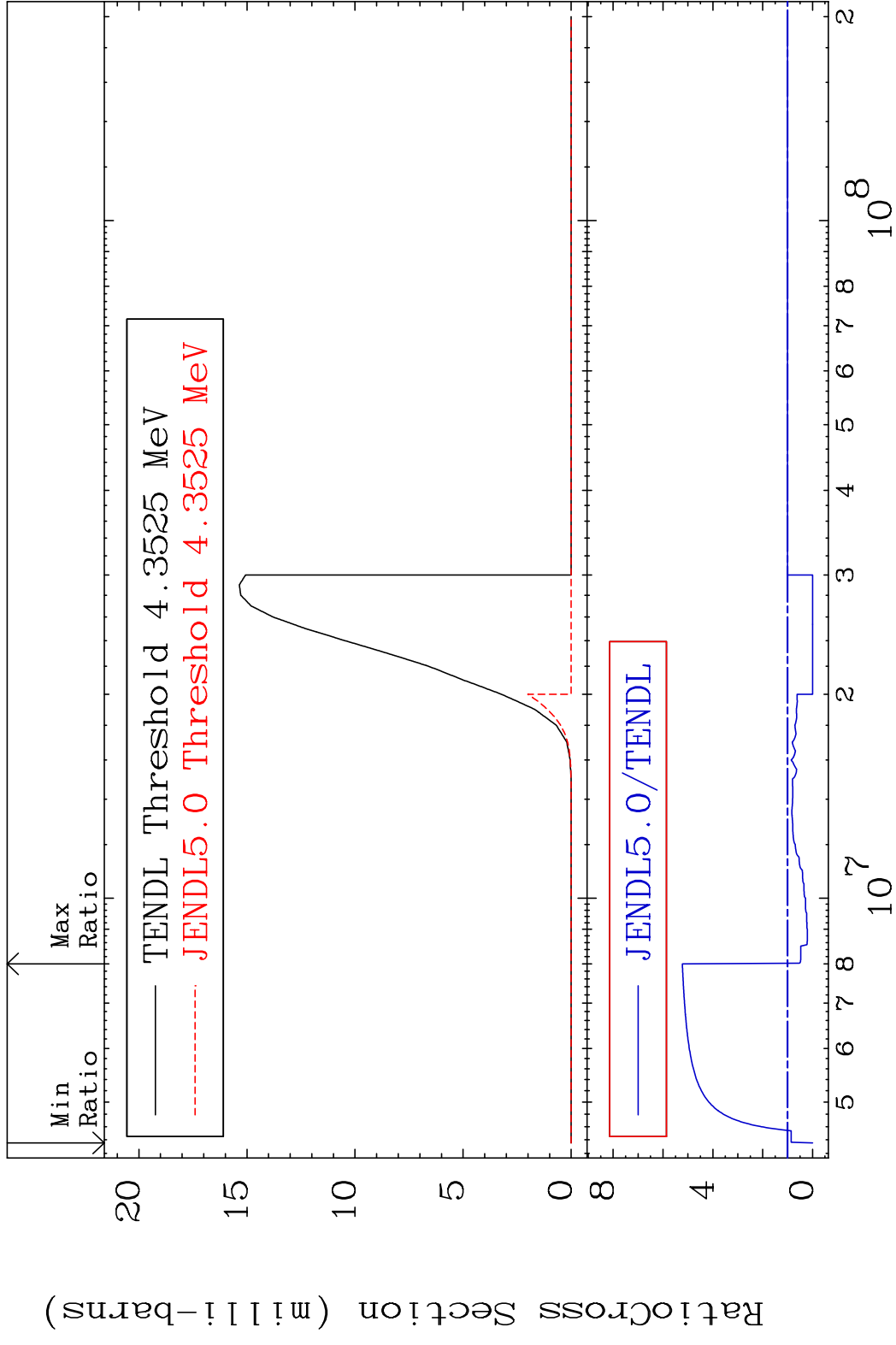


6

Incident Energy (eV)

50-Sn-119m

MAT 5047 (n, n')  $\alpha$  50-Sn-119m  
 Cross Section -100.0 To 422.4 %



7 Incident Energy (eV) 50-Sn-119m

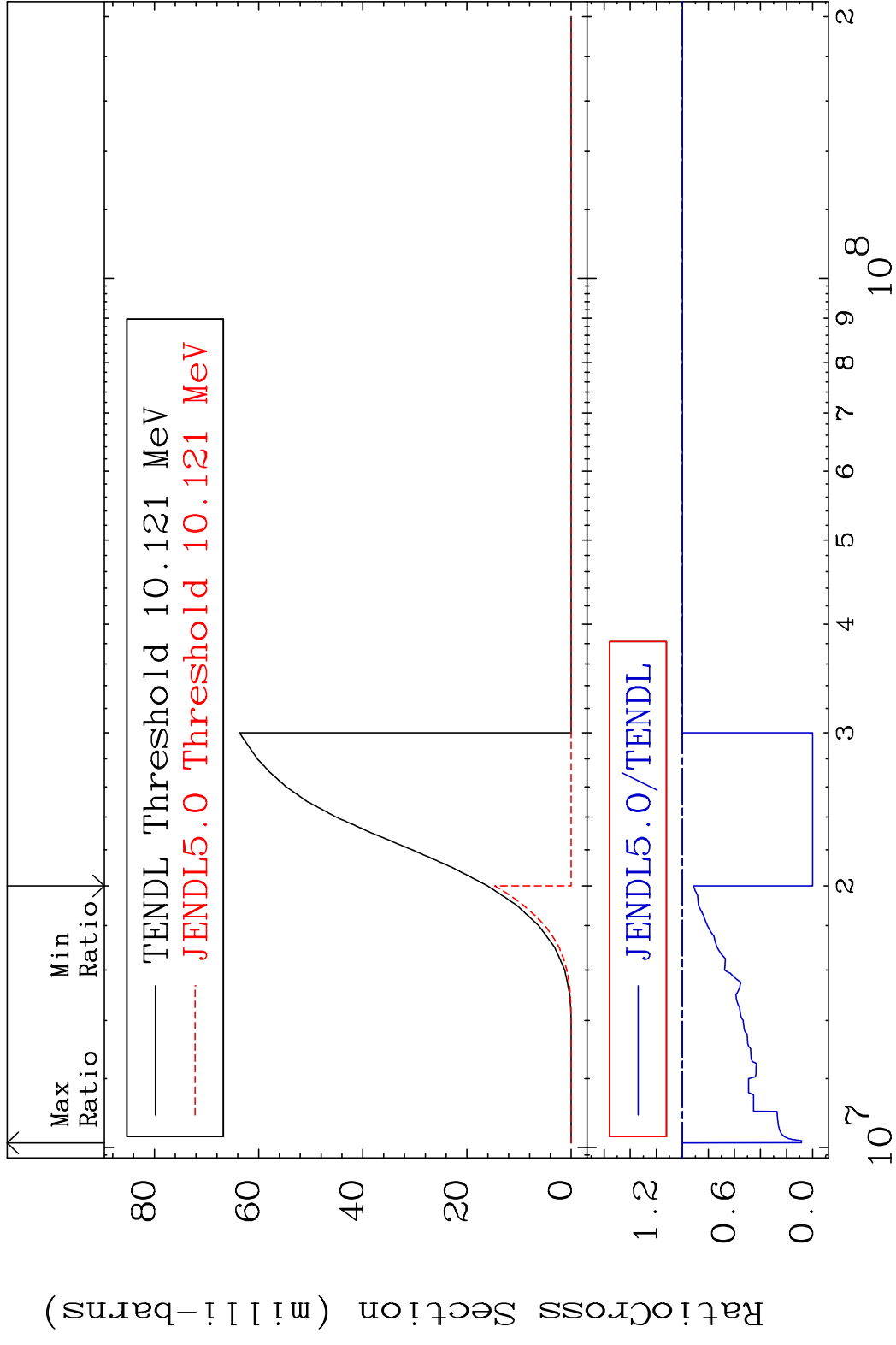


MAT 5047

(n, n') p

50-Sn-119m

Cross Section -100.0 To 0.000 %

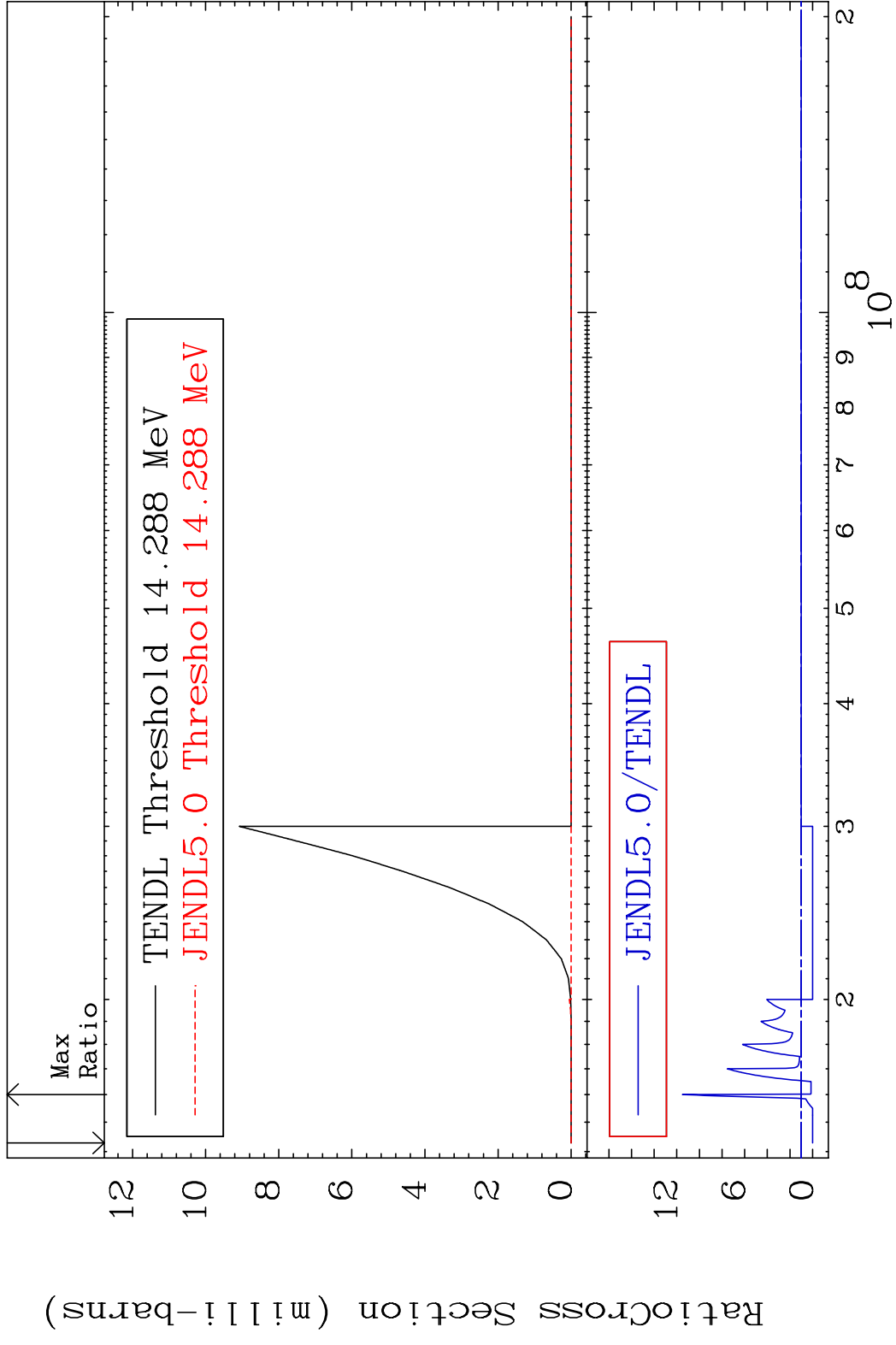


8

Incident Energy (eV)

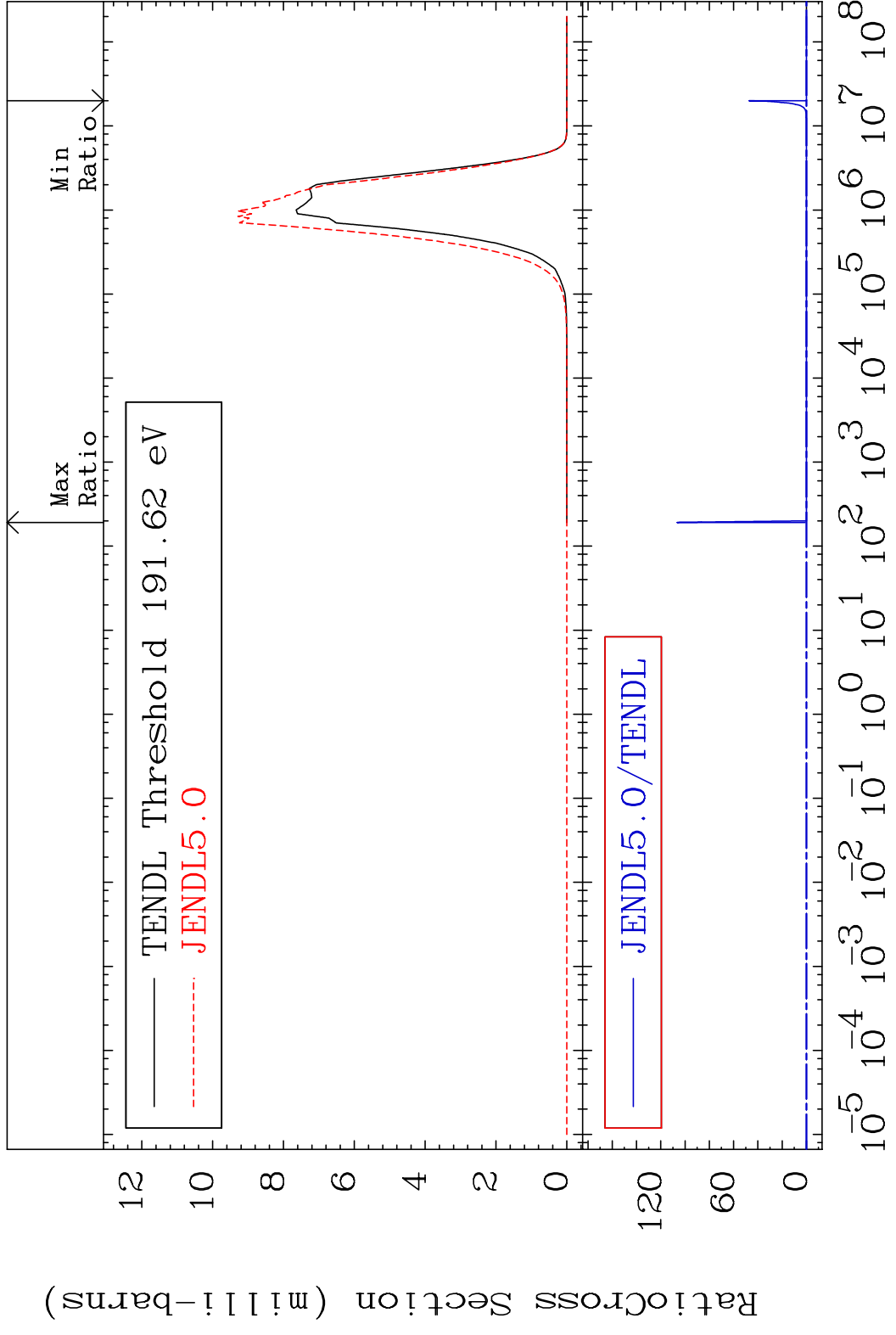
50-Sn-119m

MAT 5047 (n, n') d 50-Sn-119m  
 Cross Section -100.0 To 1051. %



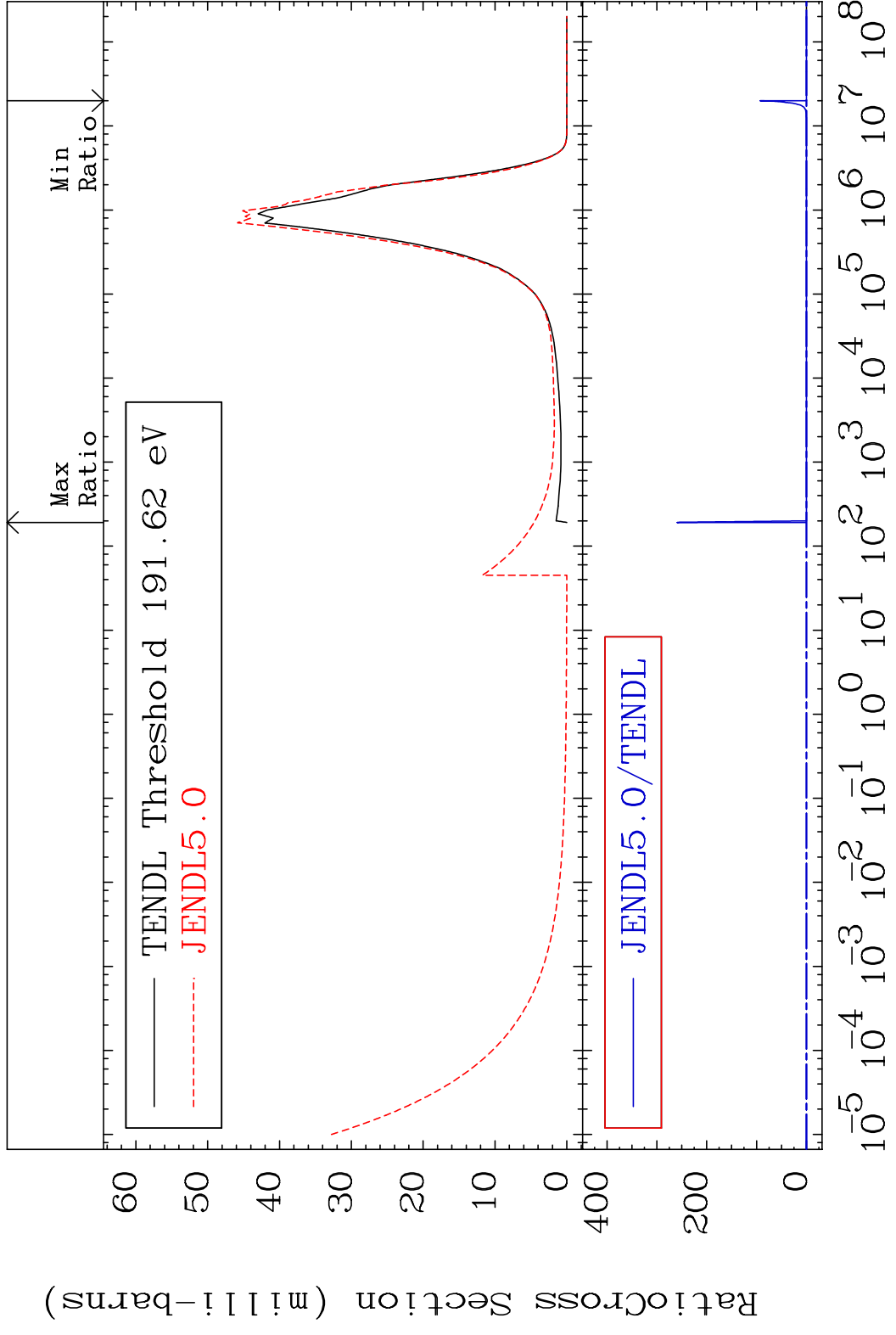
9 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 51 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

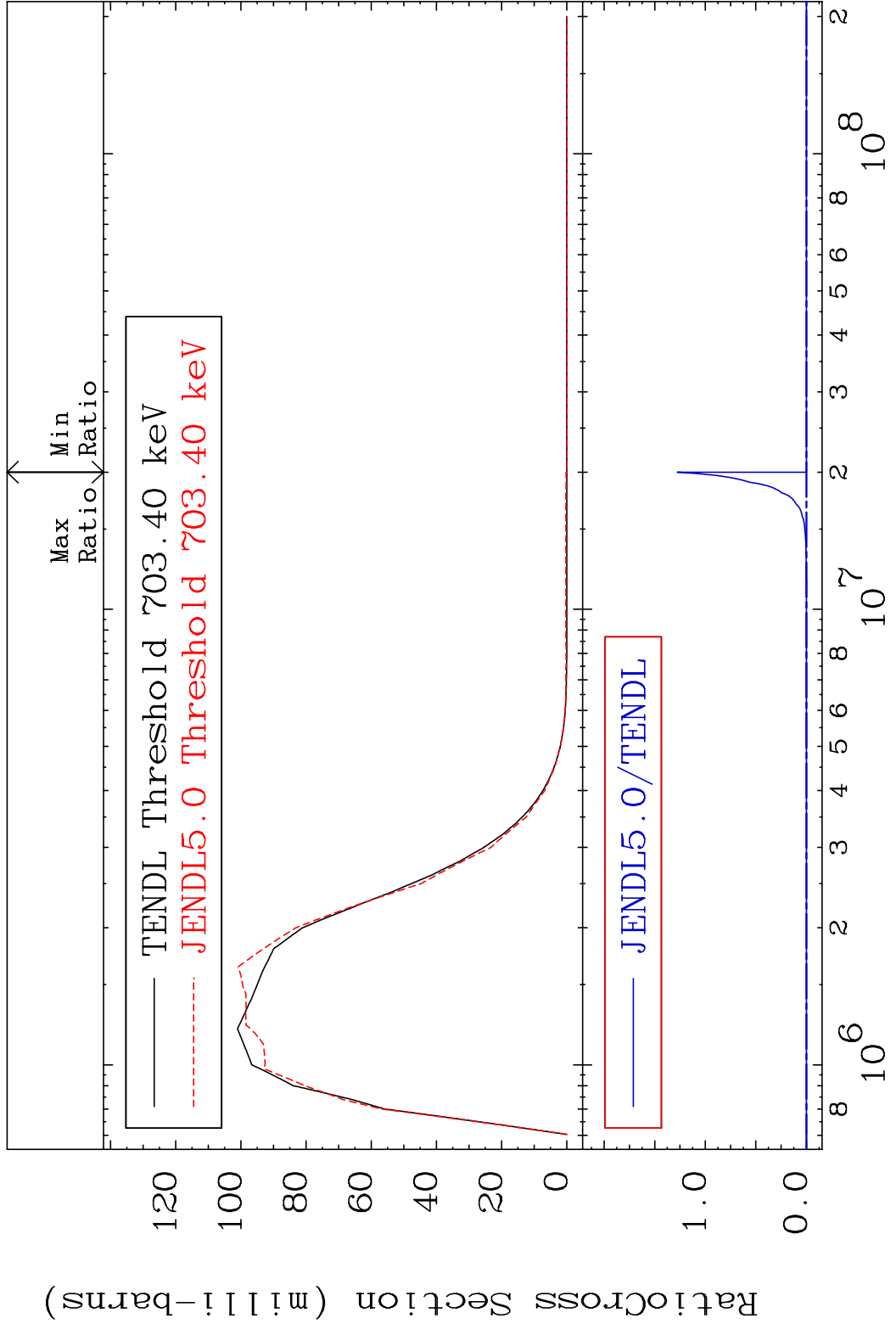


10

MAT 5047 MT= 52 (n,n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

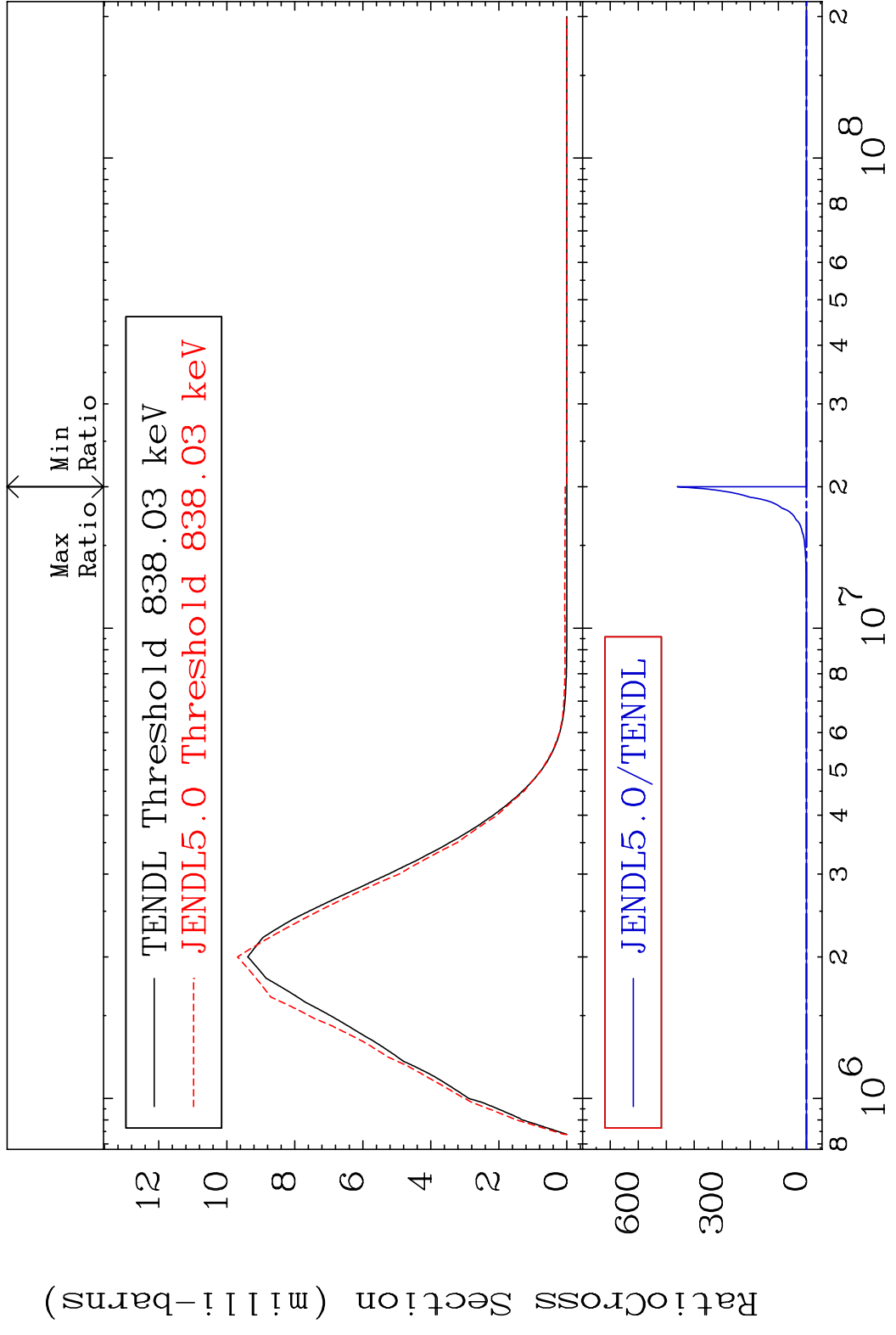


MAT 5047 MT= 53 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



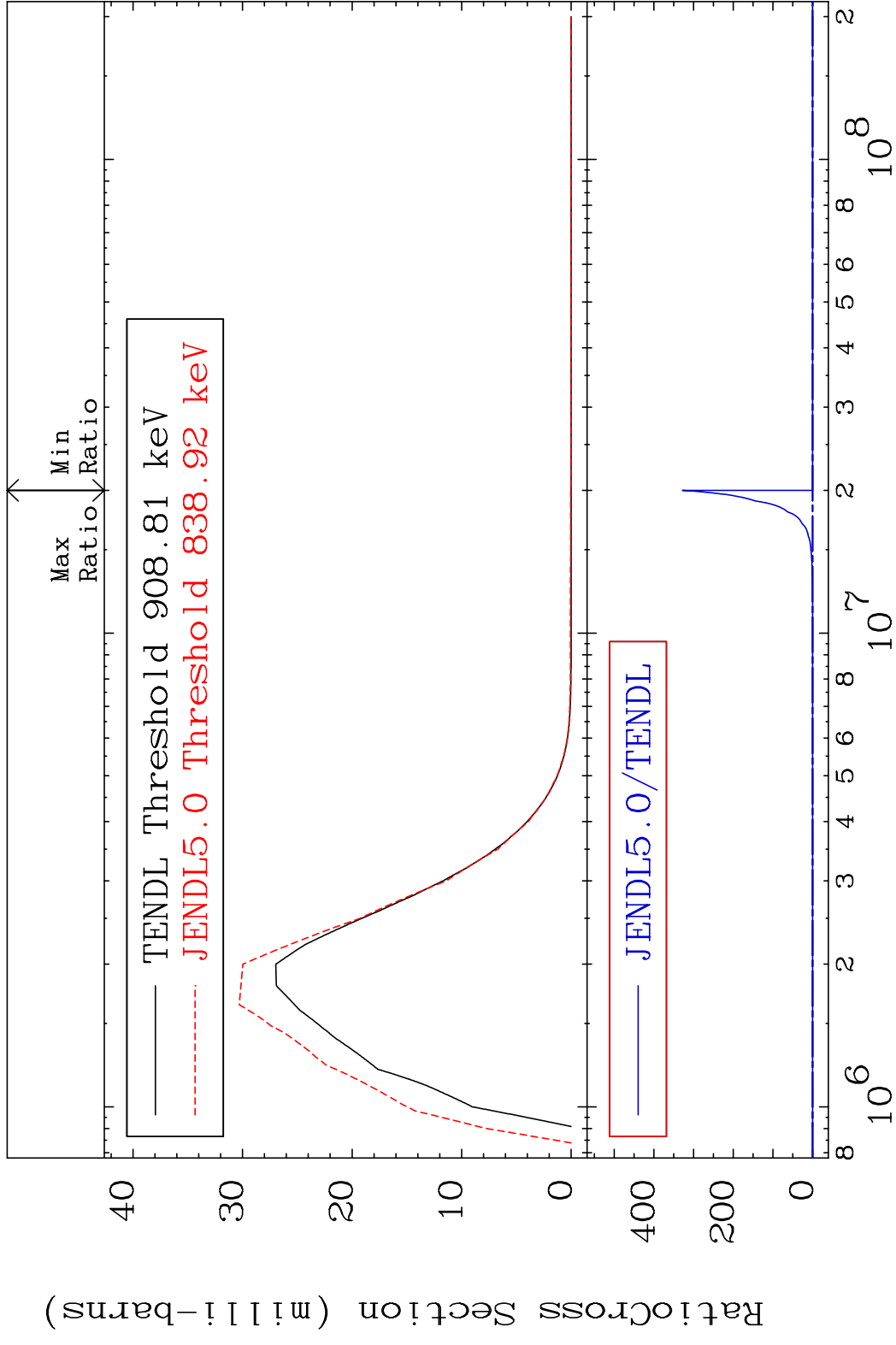
12 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 54 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



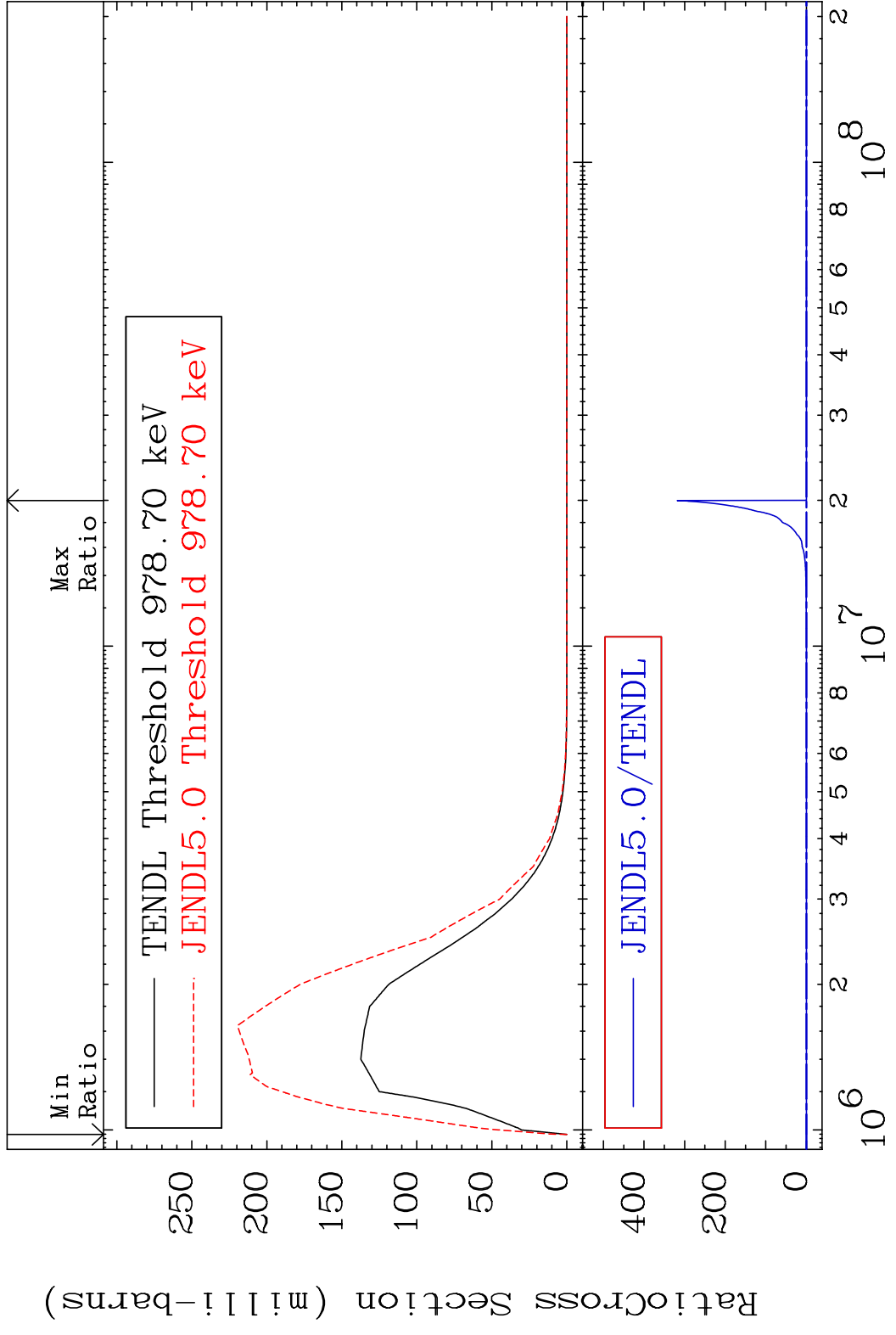
13 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 55 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 50-Sn-119m

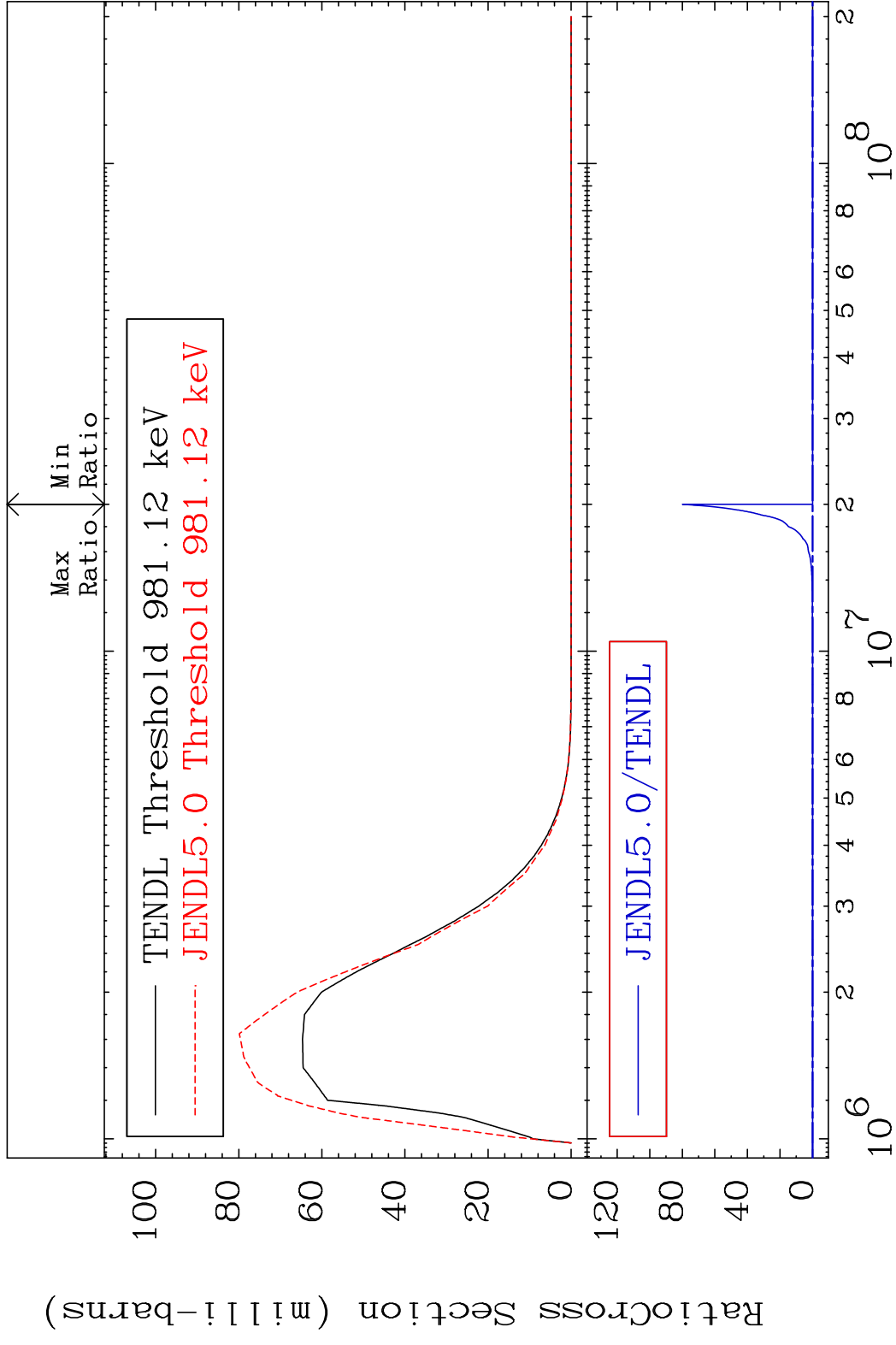
MAT 5047 MT= 56 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



15 50-Sn-119m

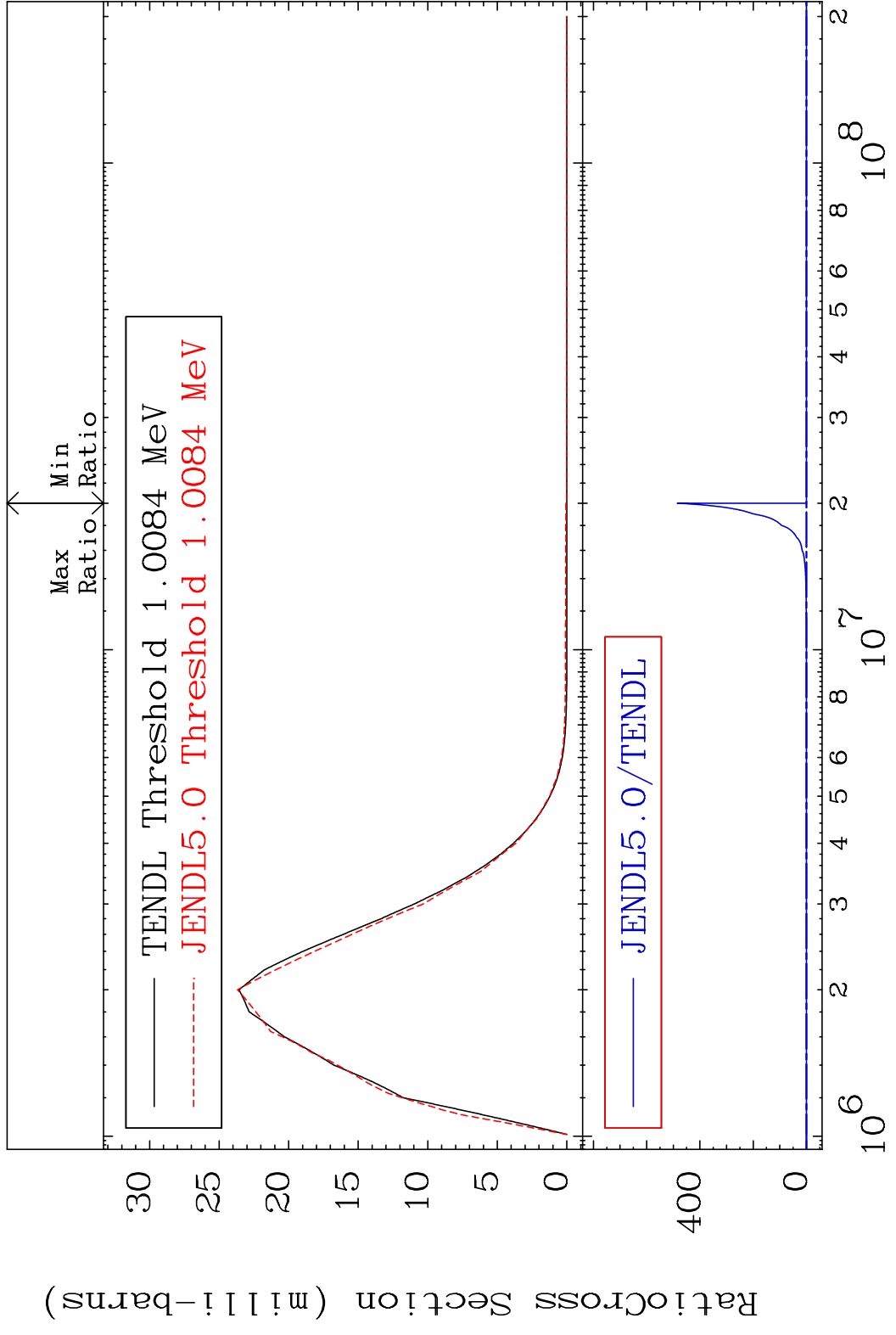


MAT 5047 MT= 57 (n,n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



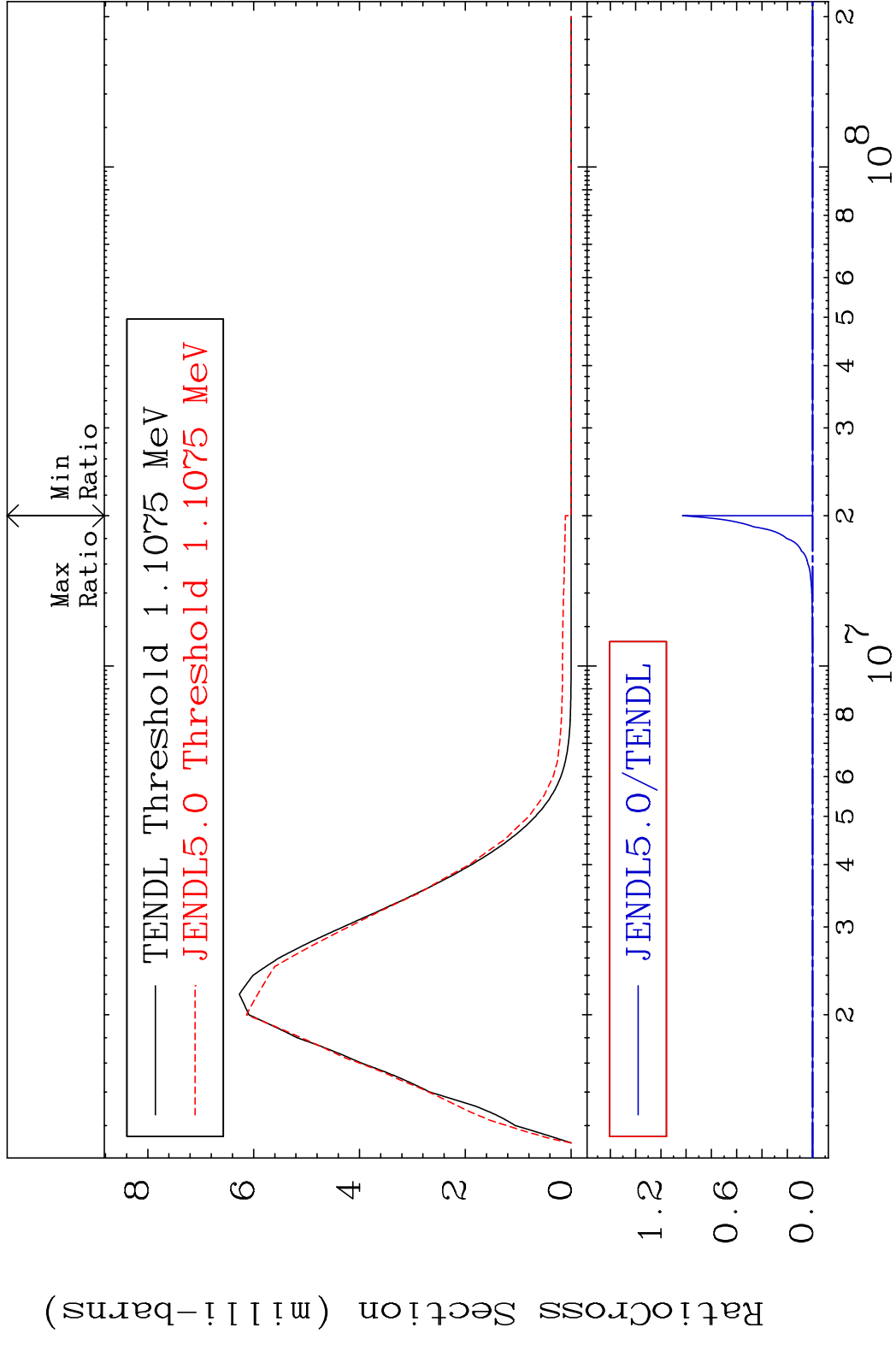
16 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 58 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



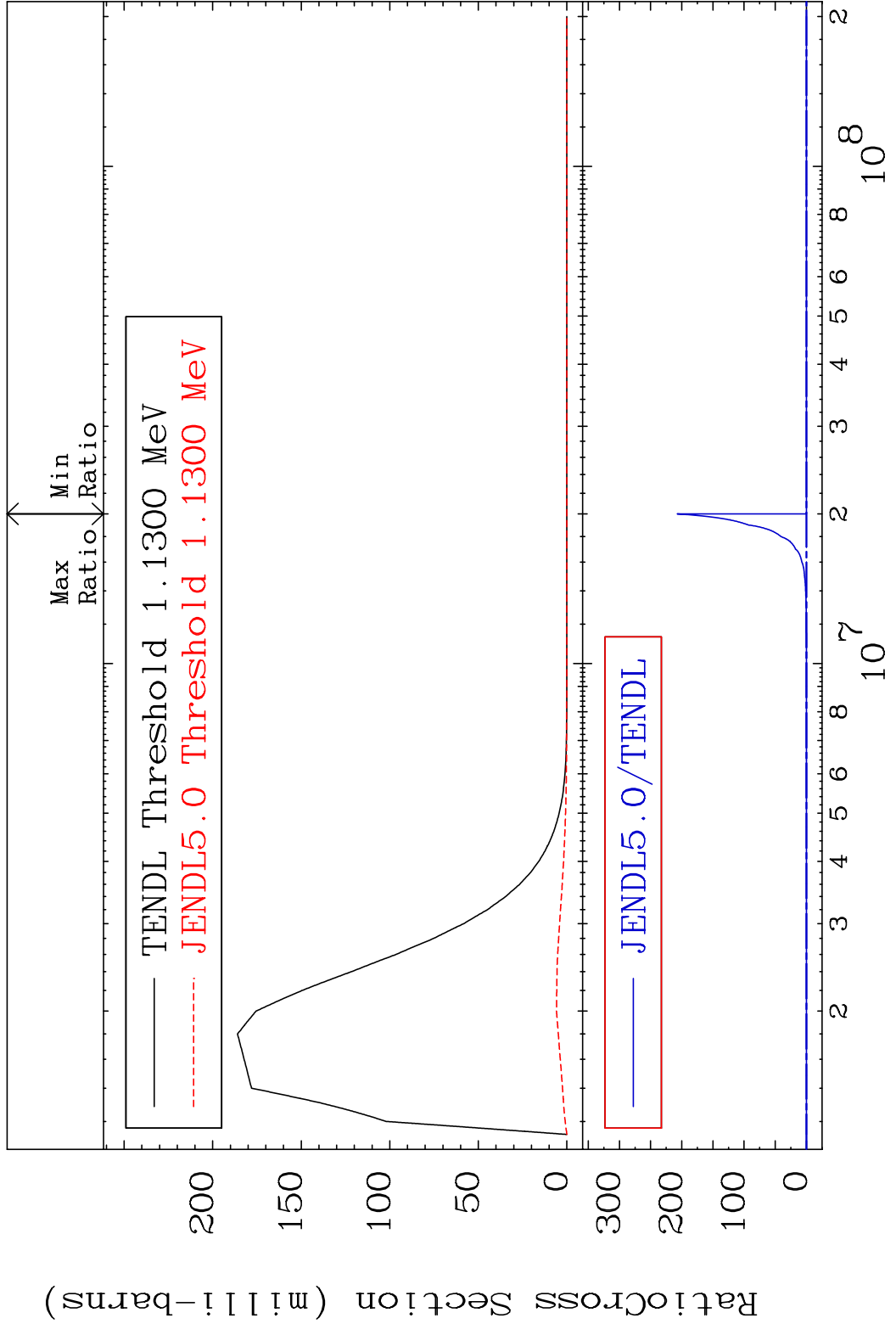
17 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 59 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



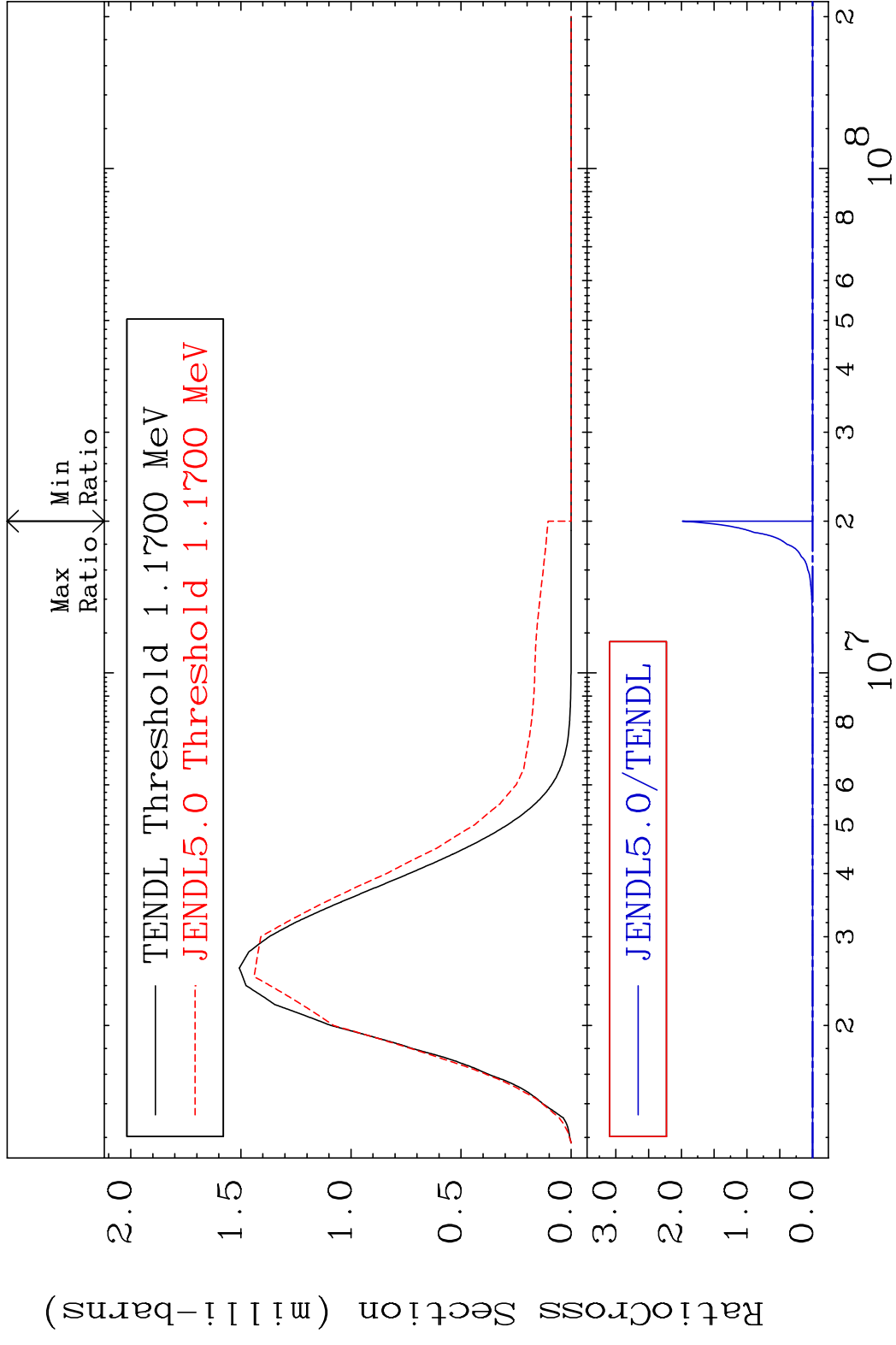
18 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 60 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

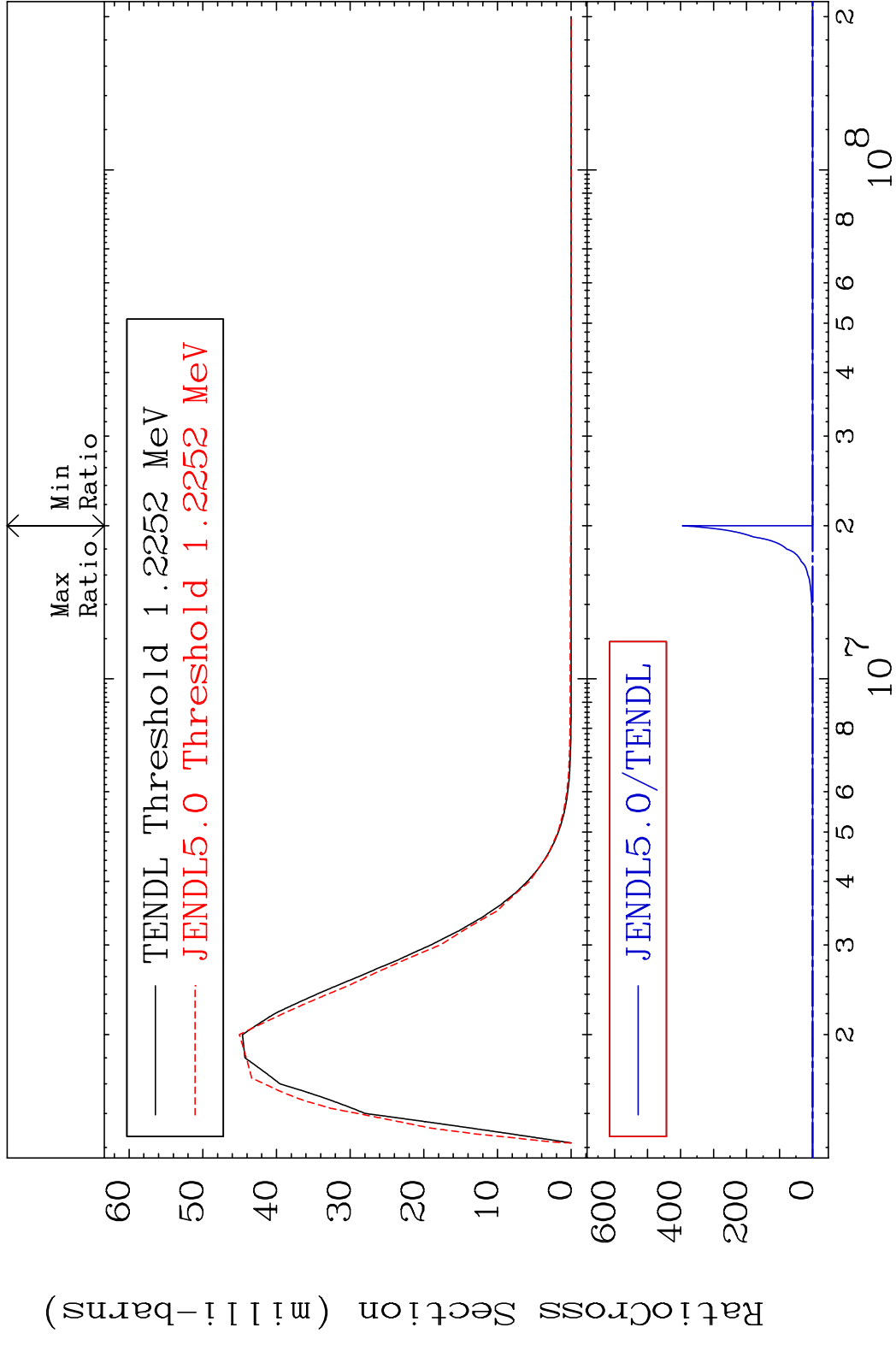


19 Incident Energy (eV) 50-Sn-119m

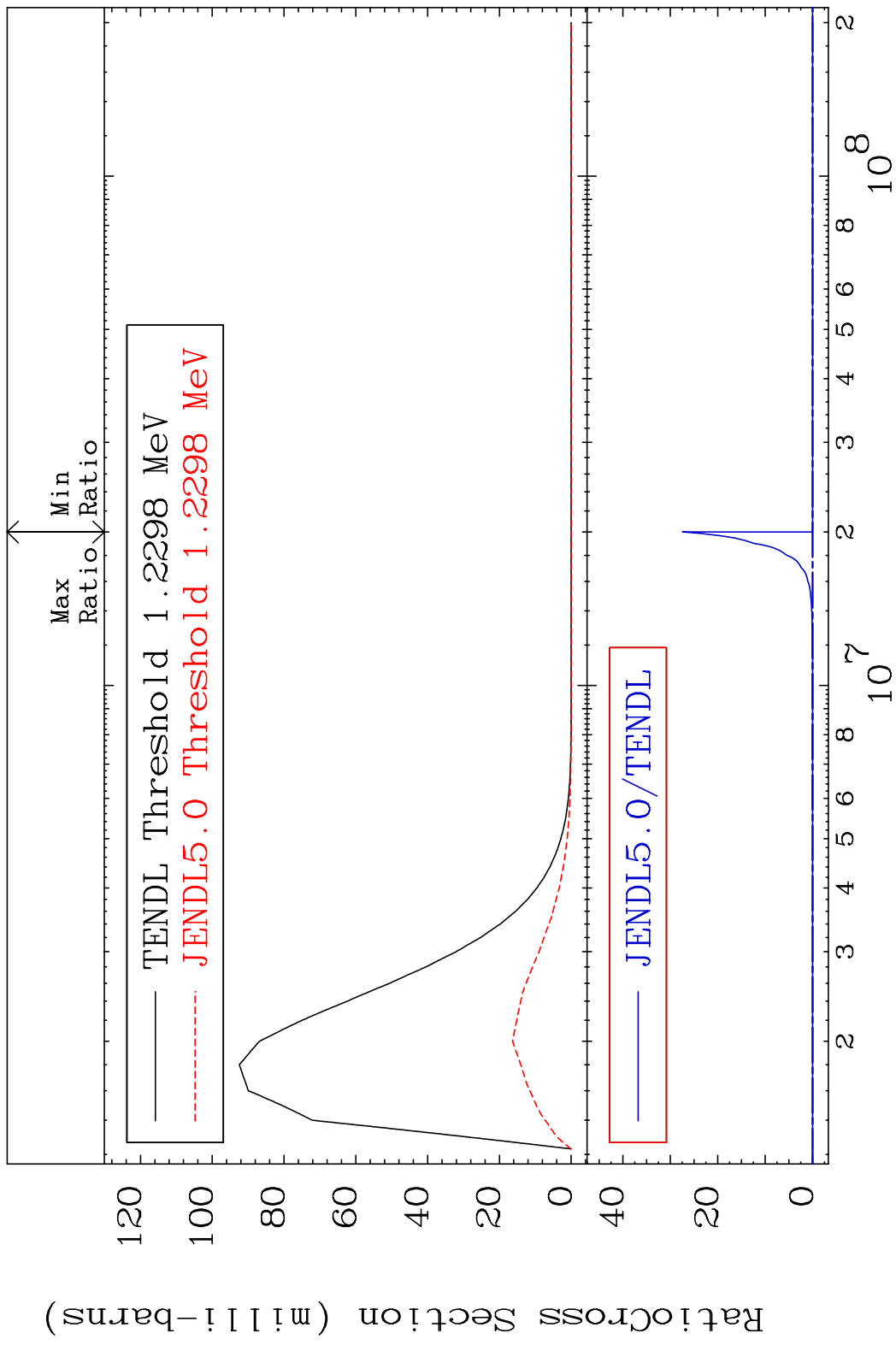
MAT 5047 MT= 61 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047 MT= 62 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

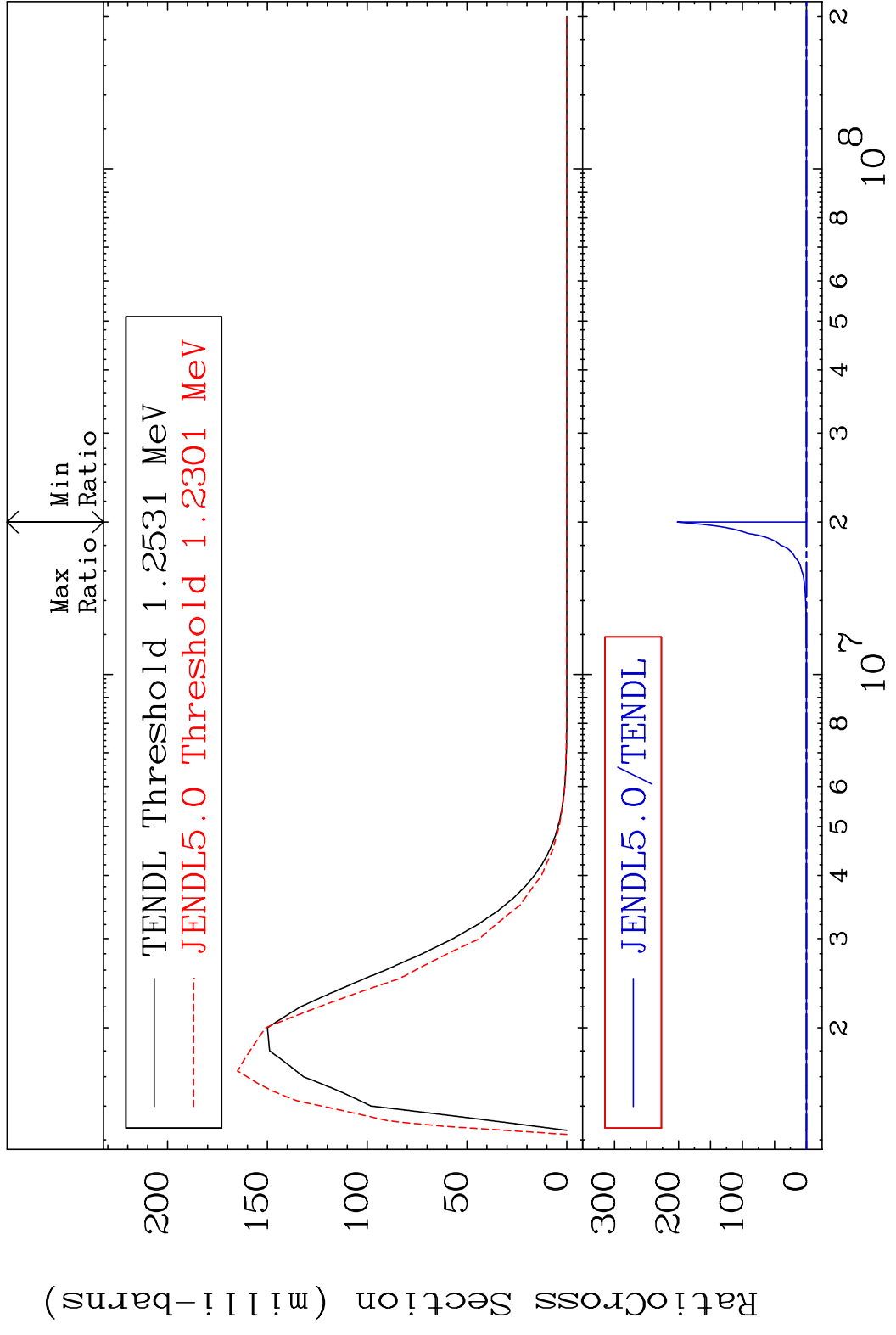


MAT 5047 MT= 63 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



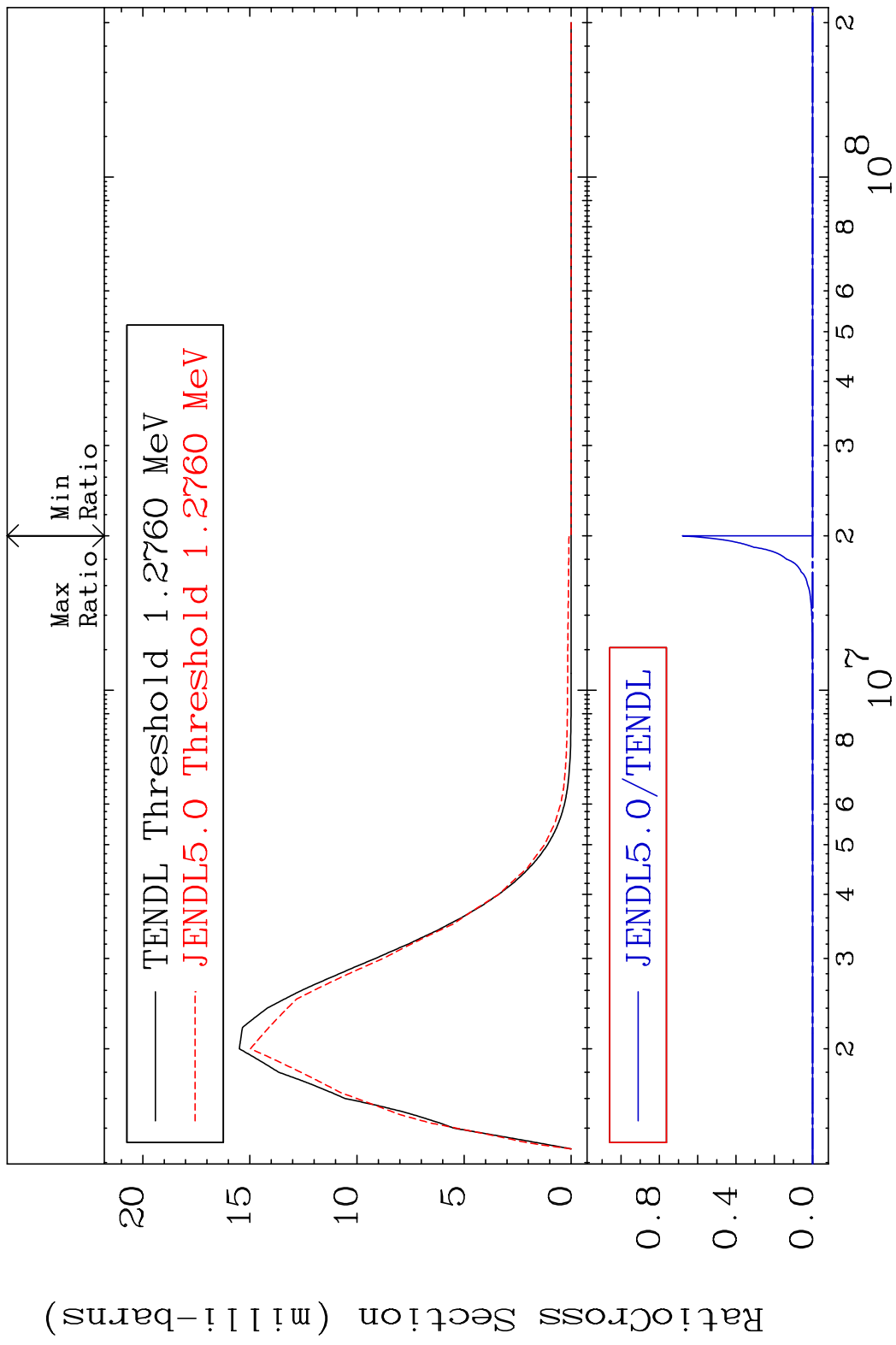
22 Incident Energy (eV) 50-Sn-119m

MAT 5047 MT= 64 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

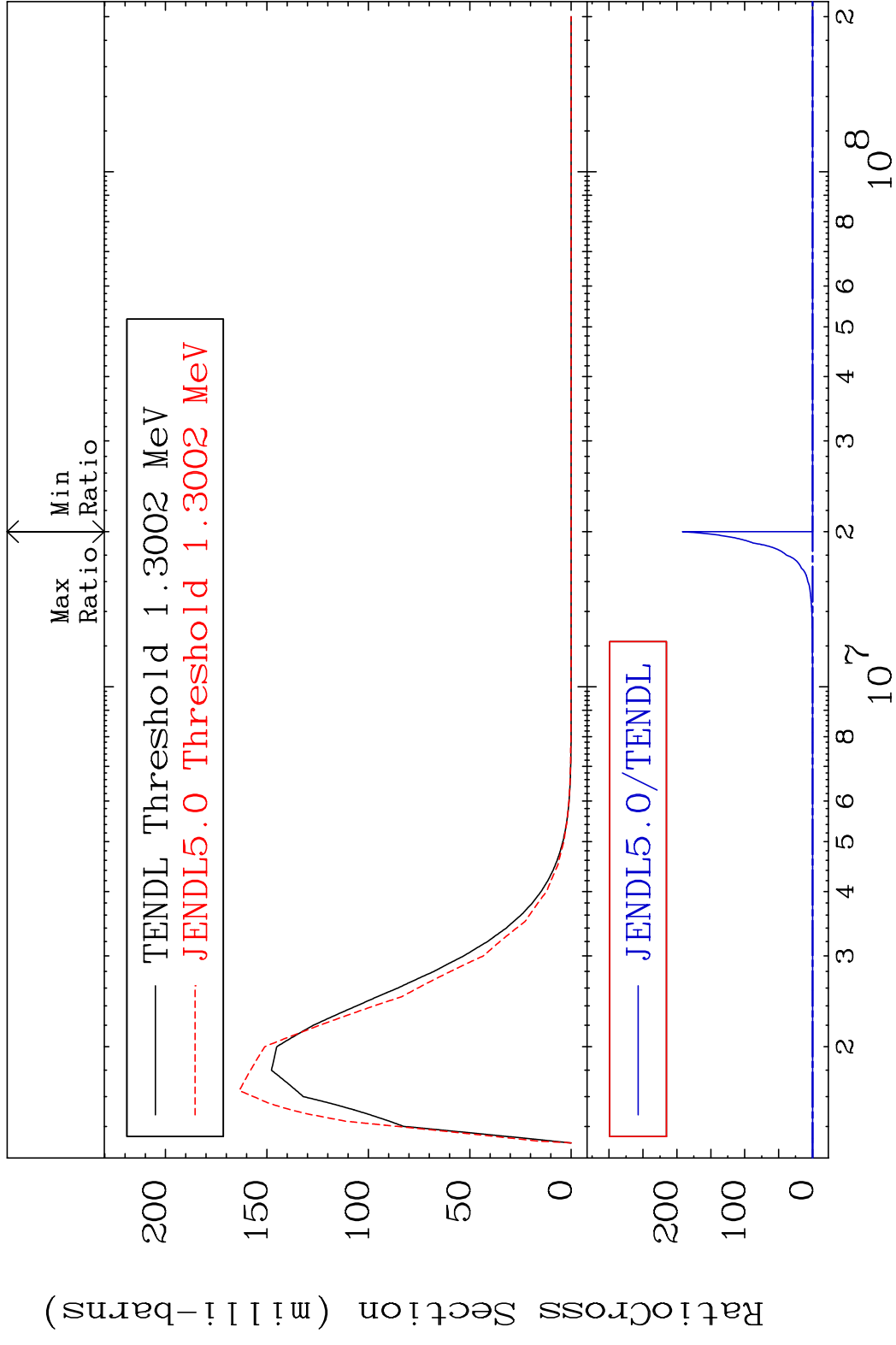




MAT 5047 MT= 65 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

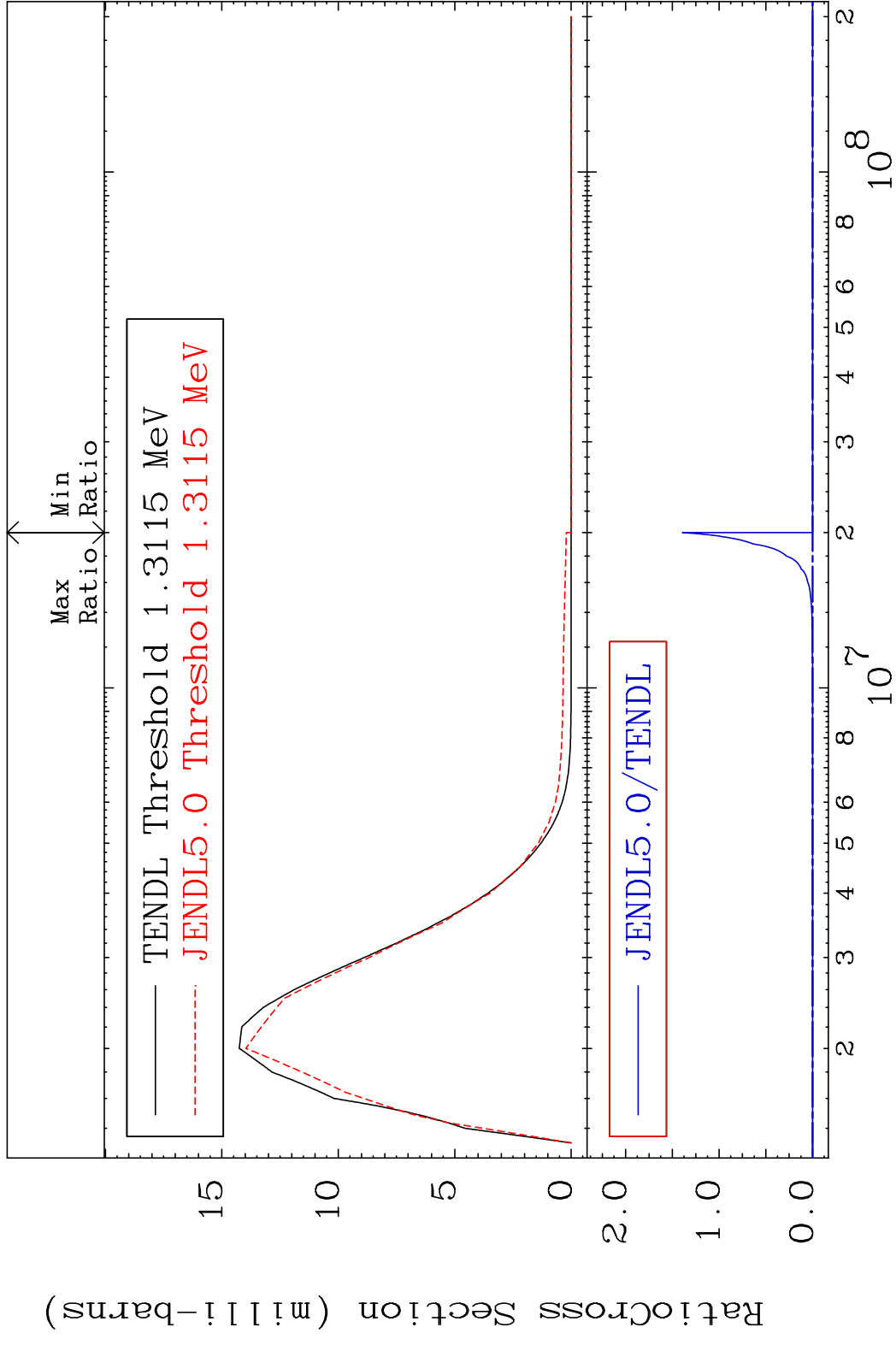


MAT 5047 MT= 66 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

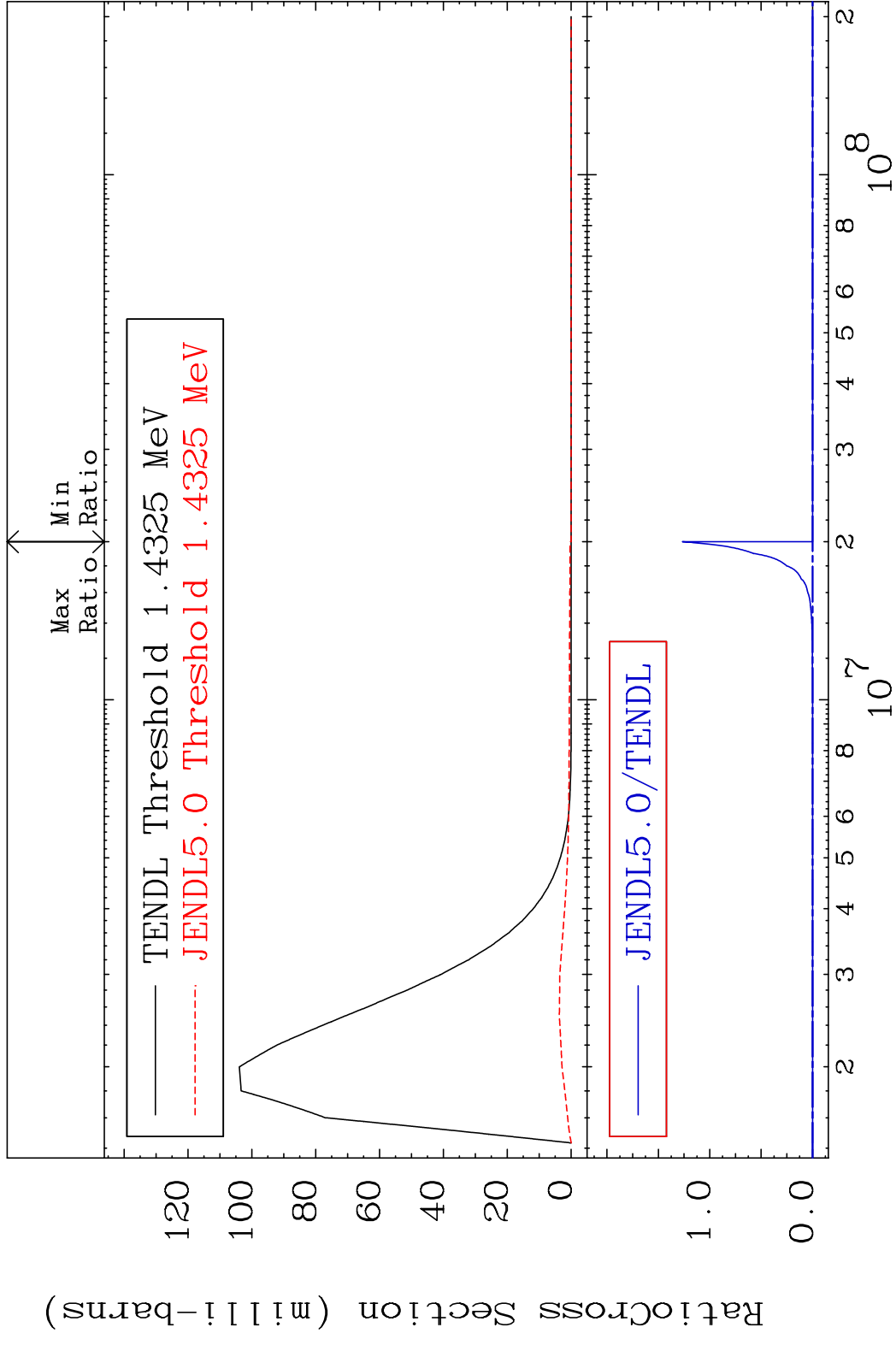


25 Incident Energy (eV) 50-Sn-119m

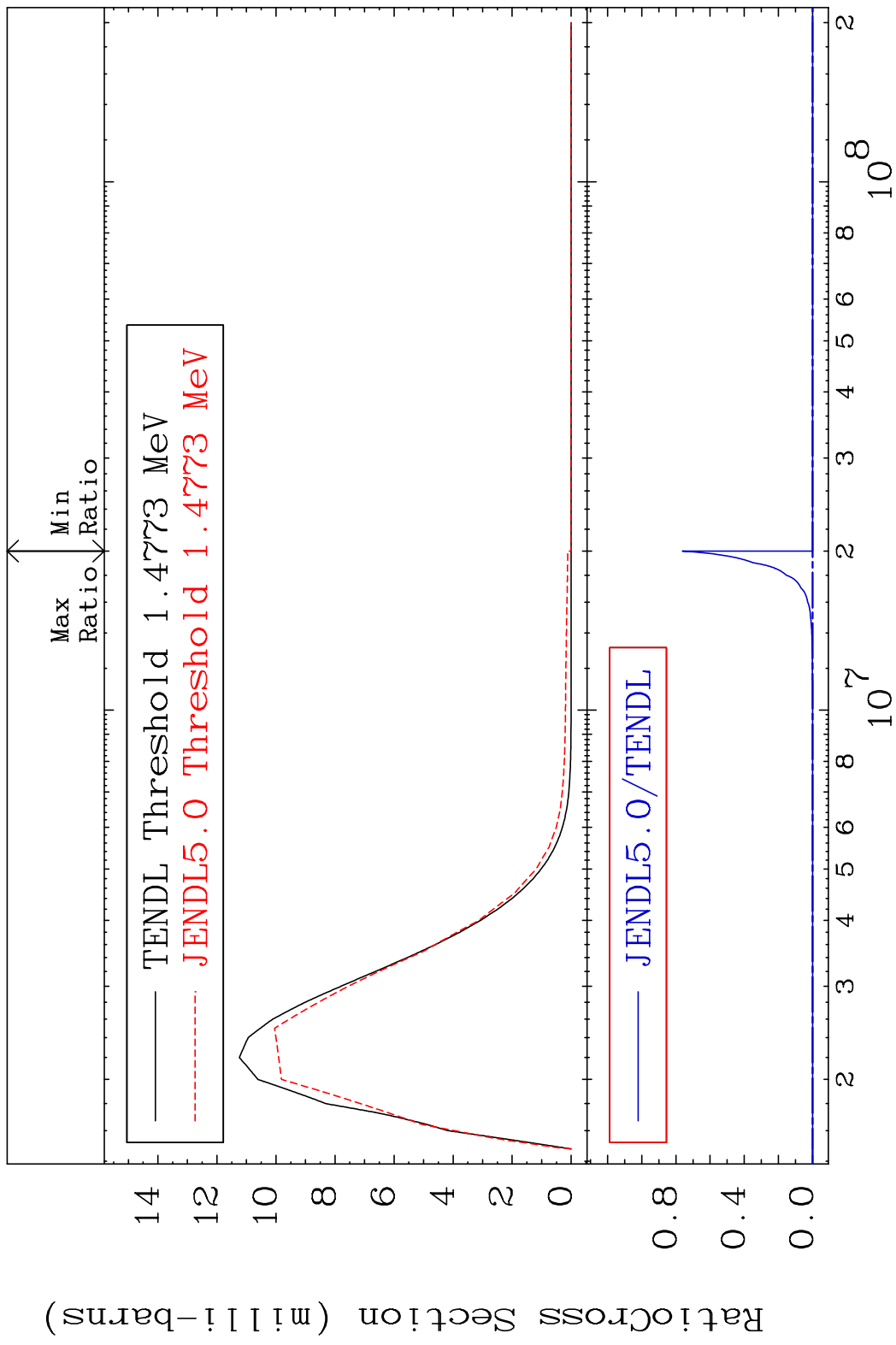
MAT 5047 MT= 67 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



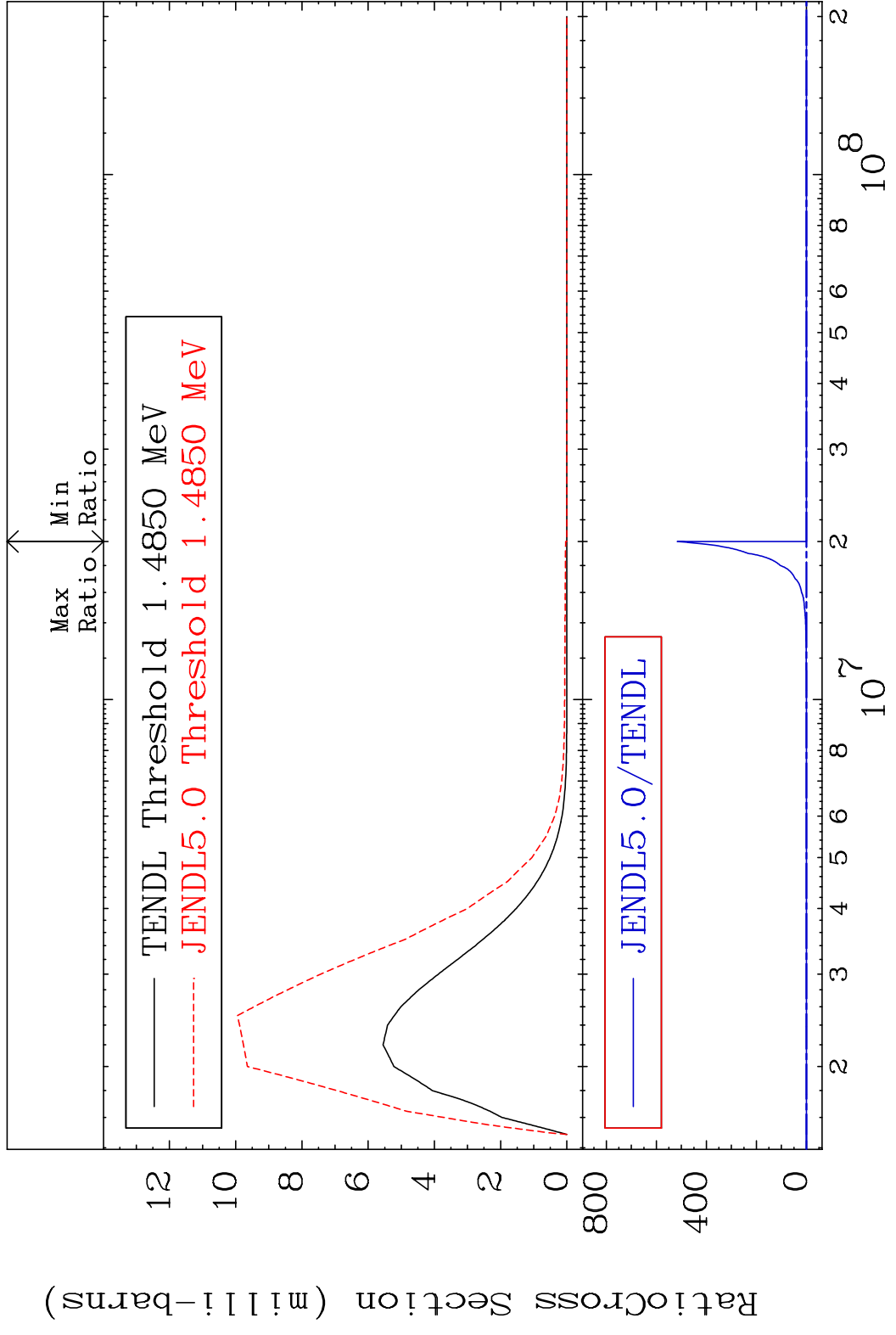
MAT 5047 MT= 68 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



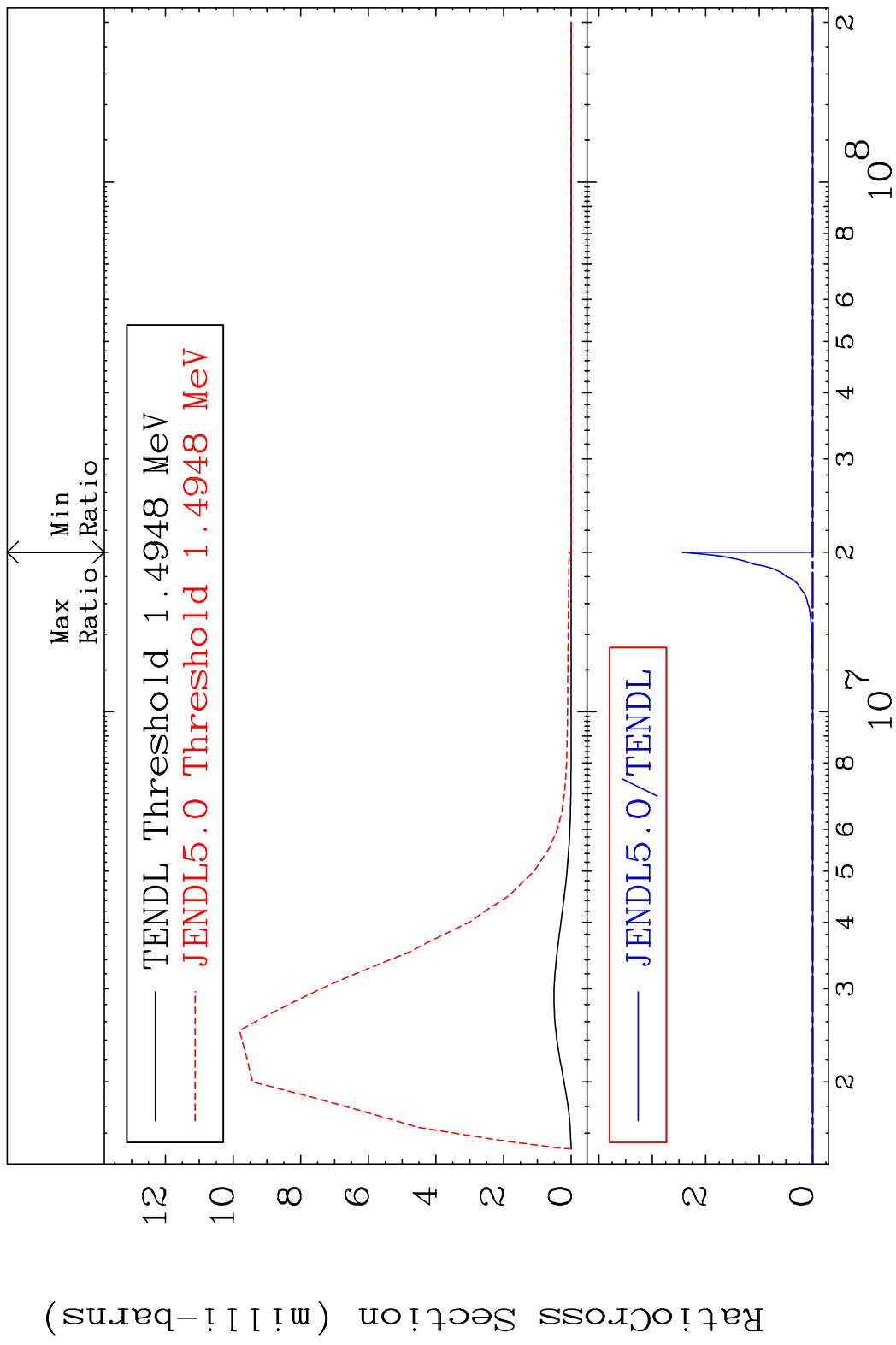
MAT 5047 MT= 69 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



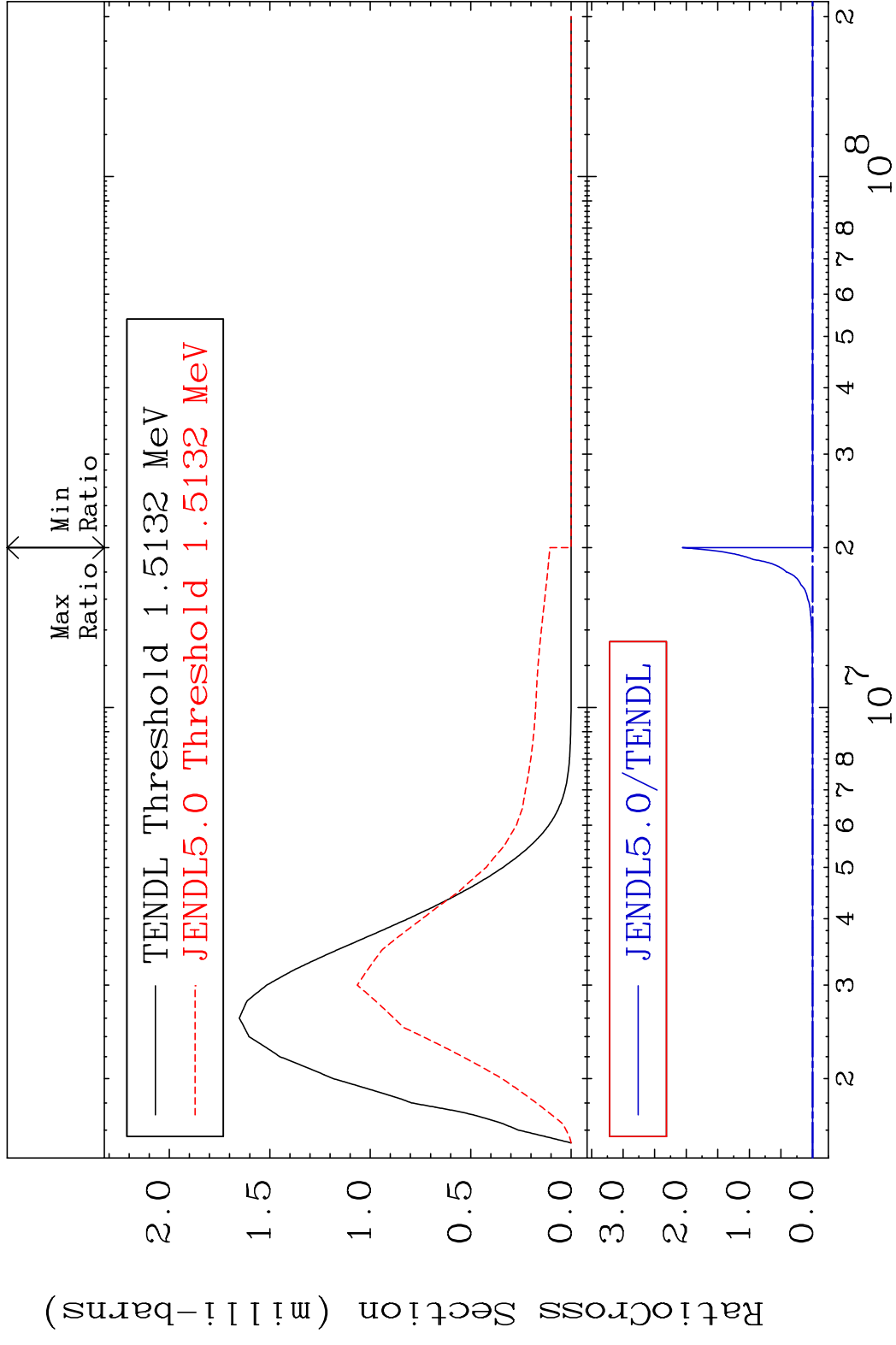
MAT 5047 MT= 70 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047 MT= 71 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

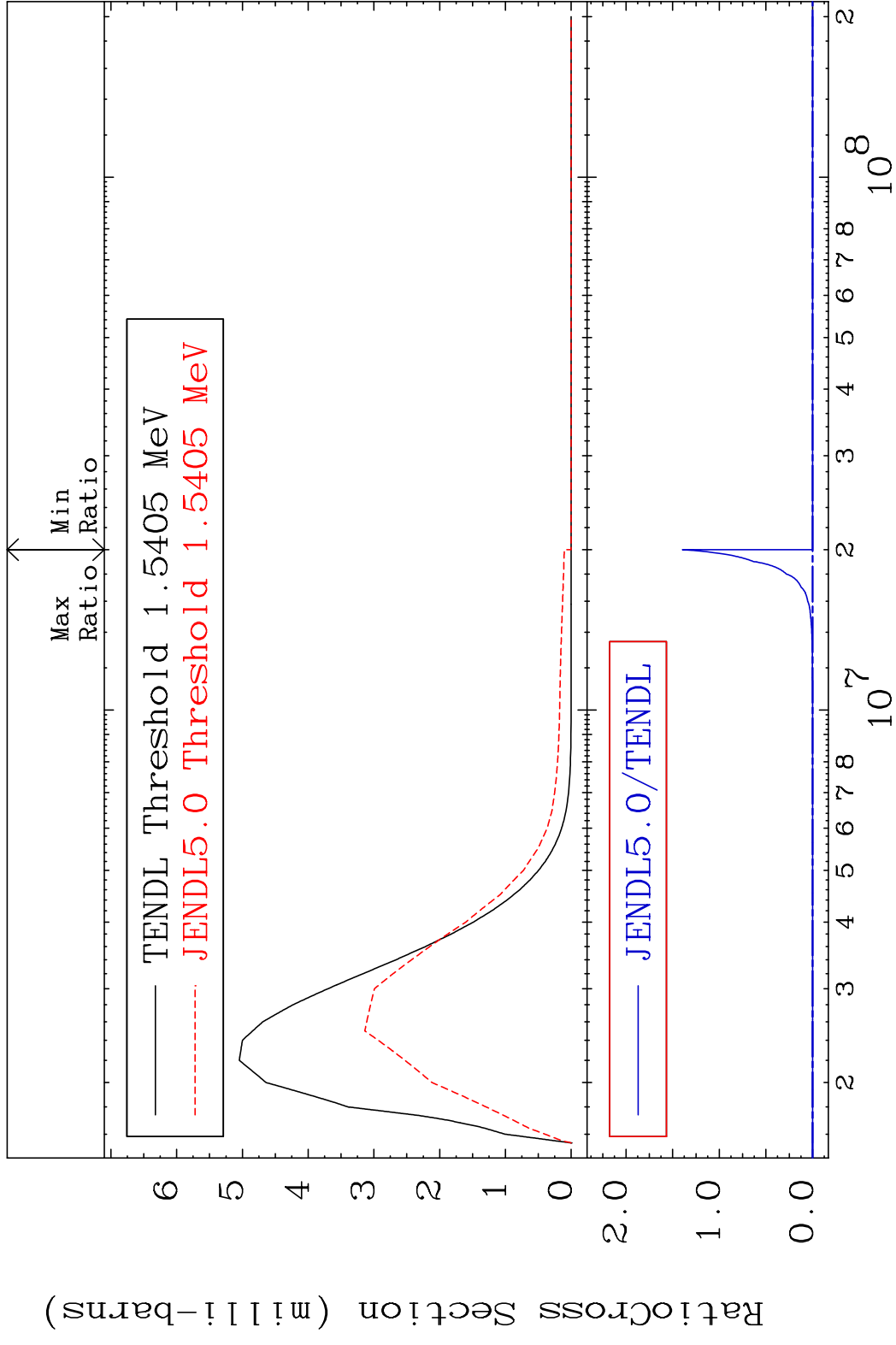


MAT 5047 MT= 72 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



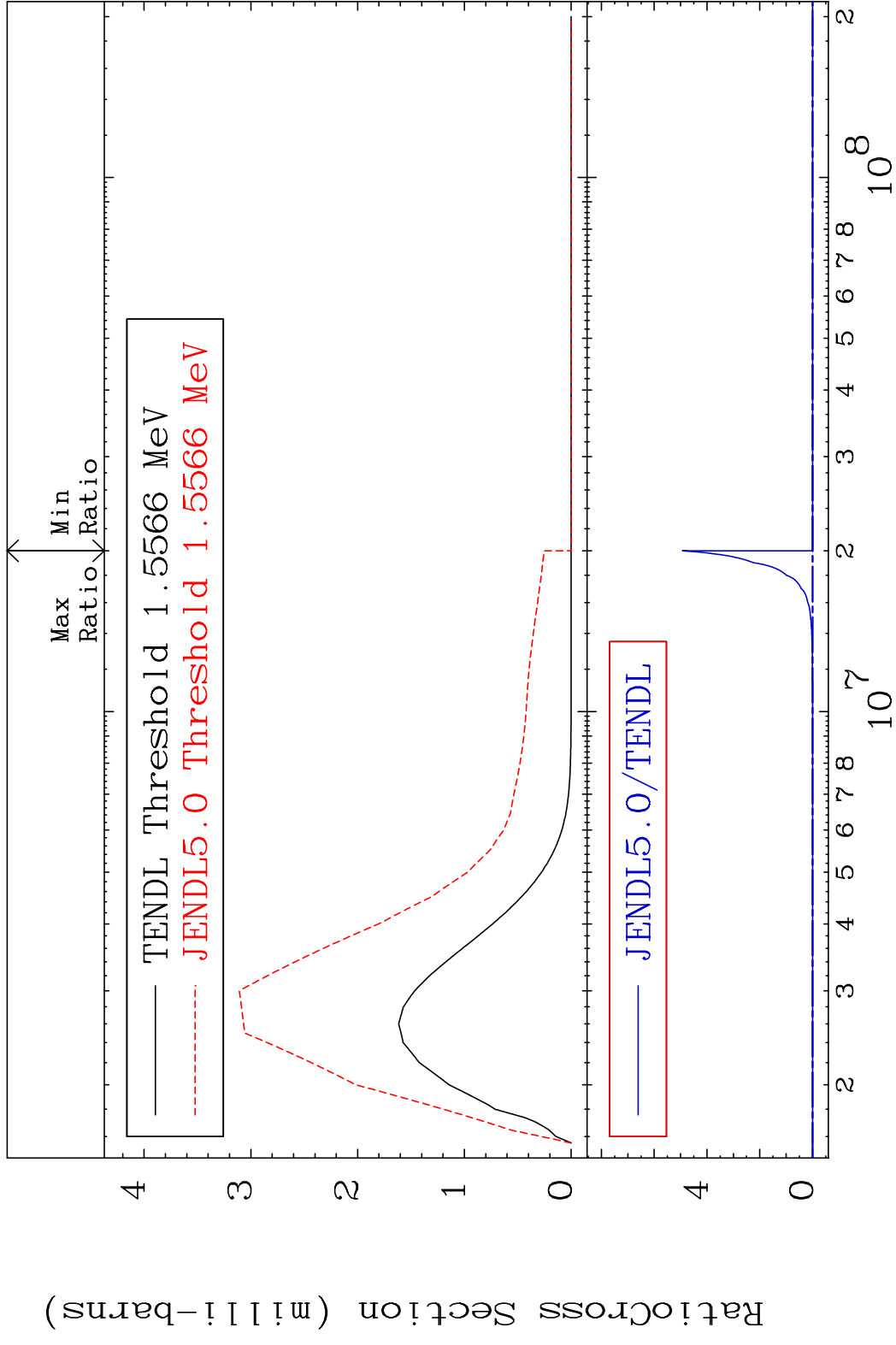


MAT 5047 MT= 73 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %

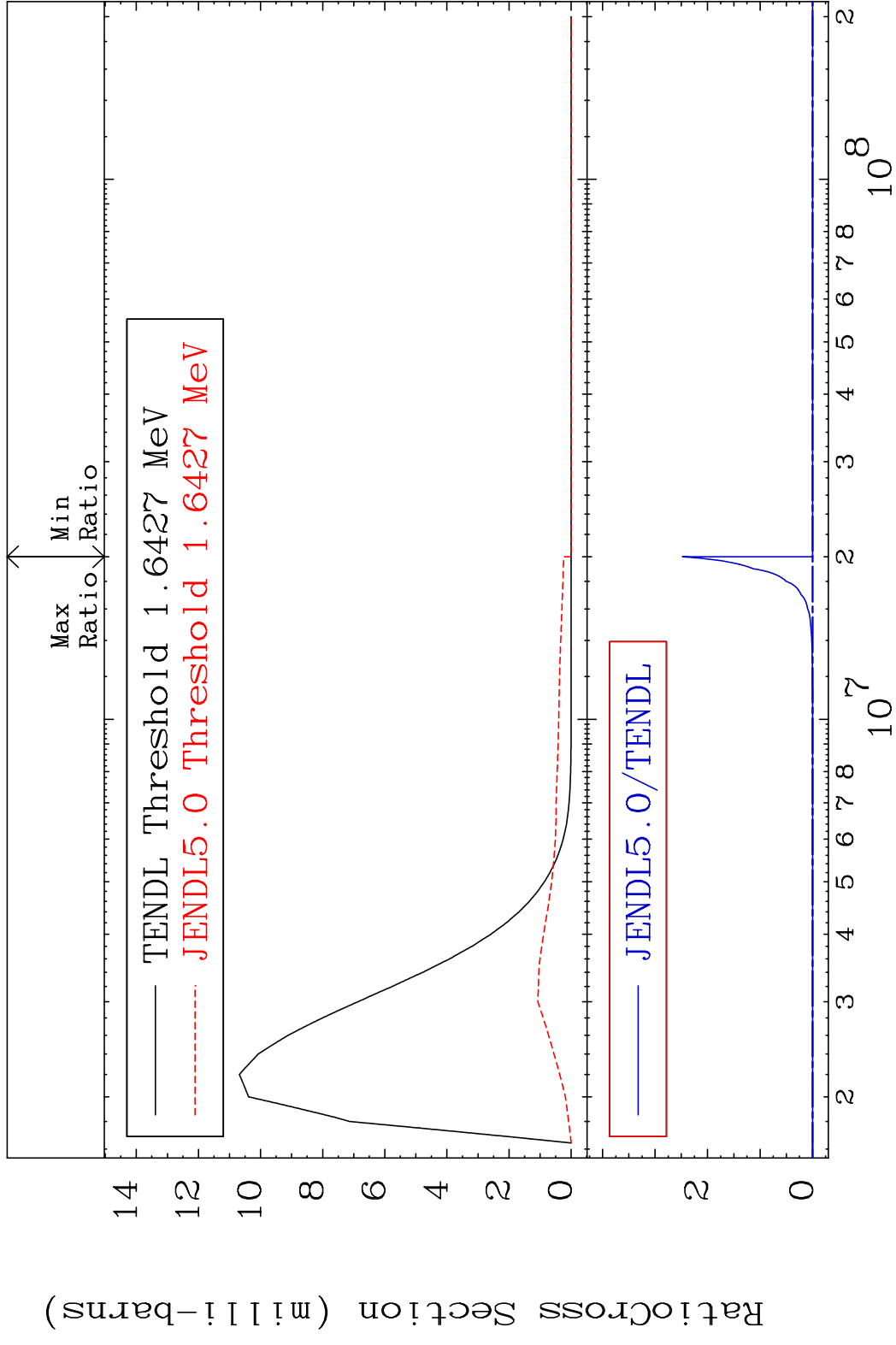


32 Incident Energy (eV) 50-Sn-119m

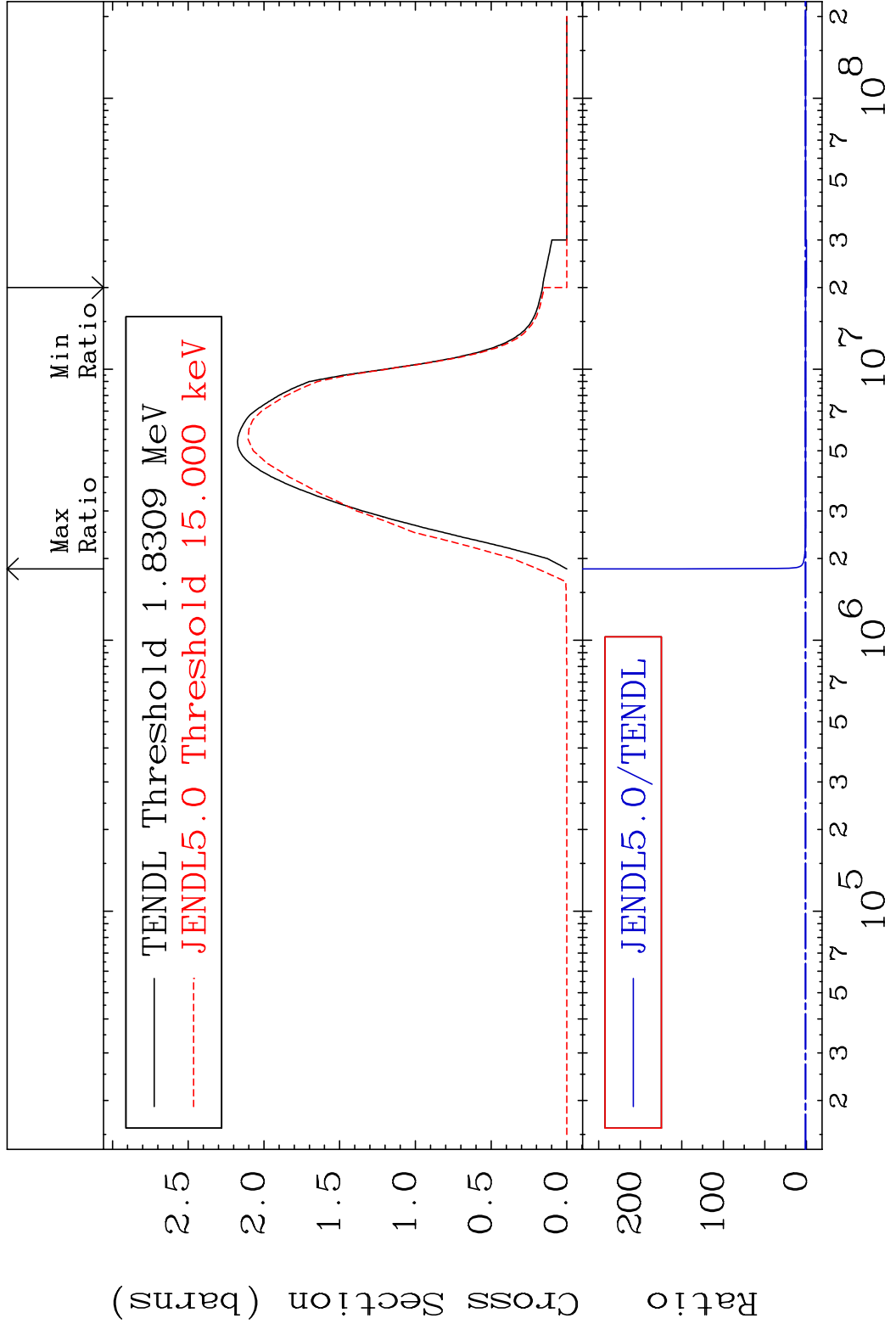
MAT 5047 MT= 74 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047 MT= 75 (n, n') Level 50-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047 (n,n') Continuum 50-Sn-119m  
 Cross Section -100.0 To 9999. %

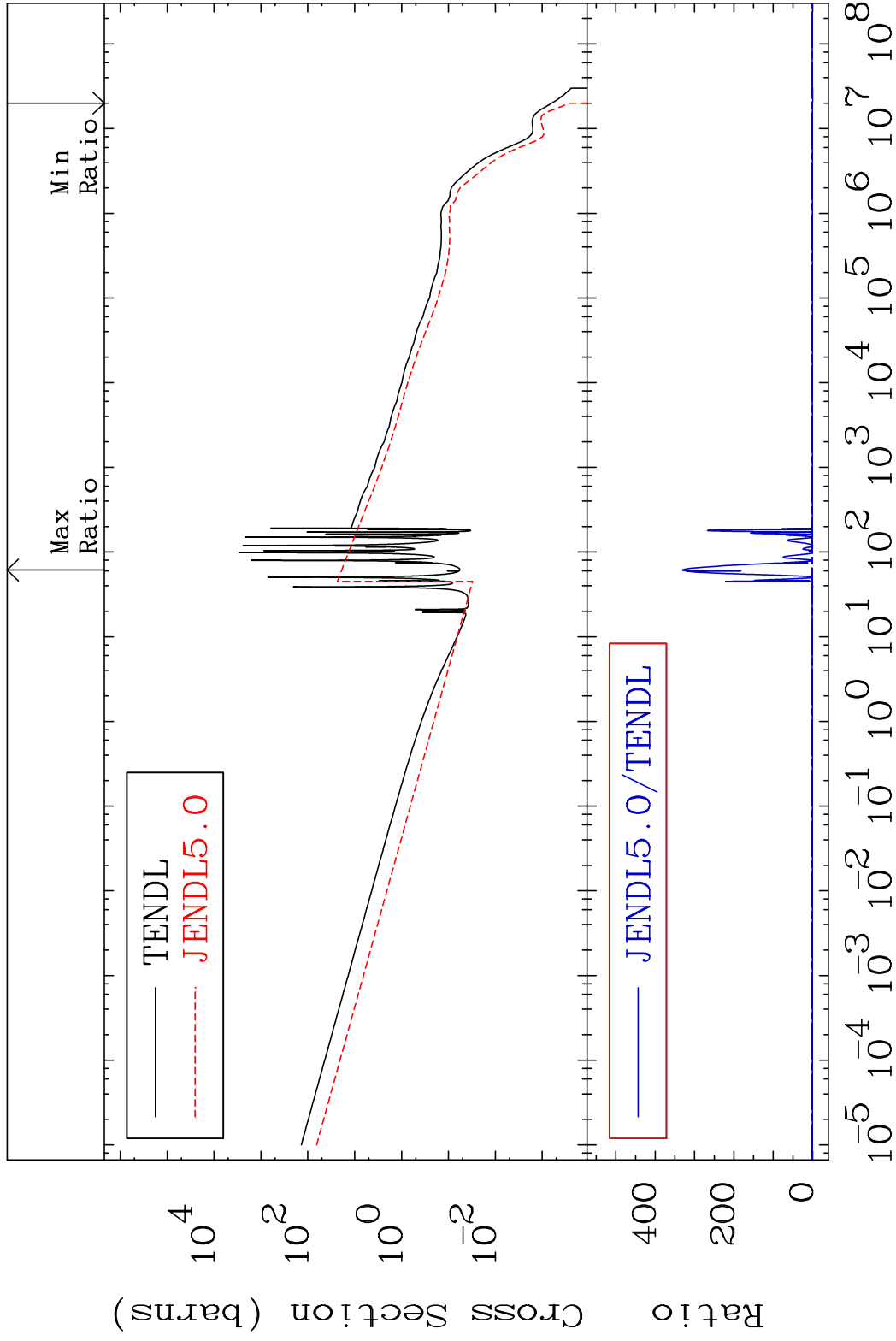


MAT 5047

(n,  $\gamma$ )

50-Sn-119m

Cross Section -100.0 To 9999. %

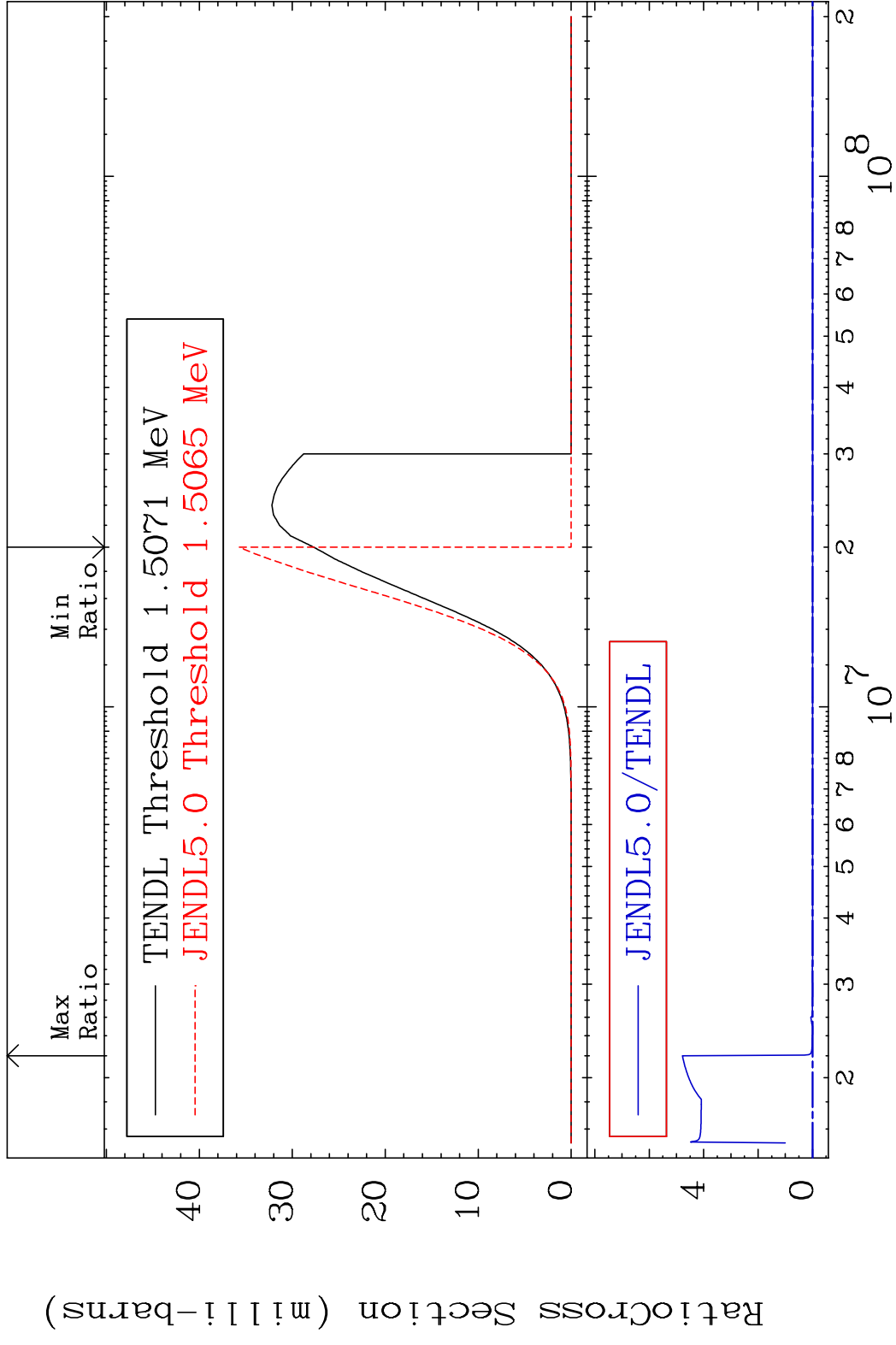


36

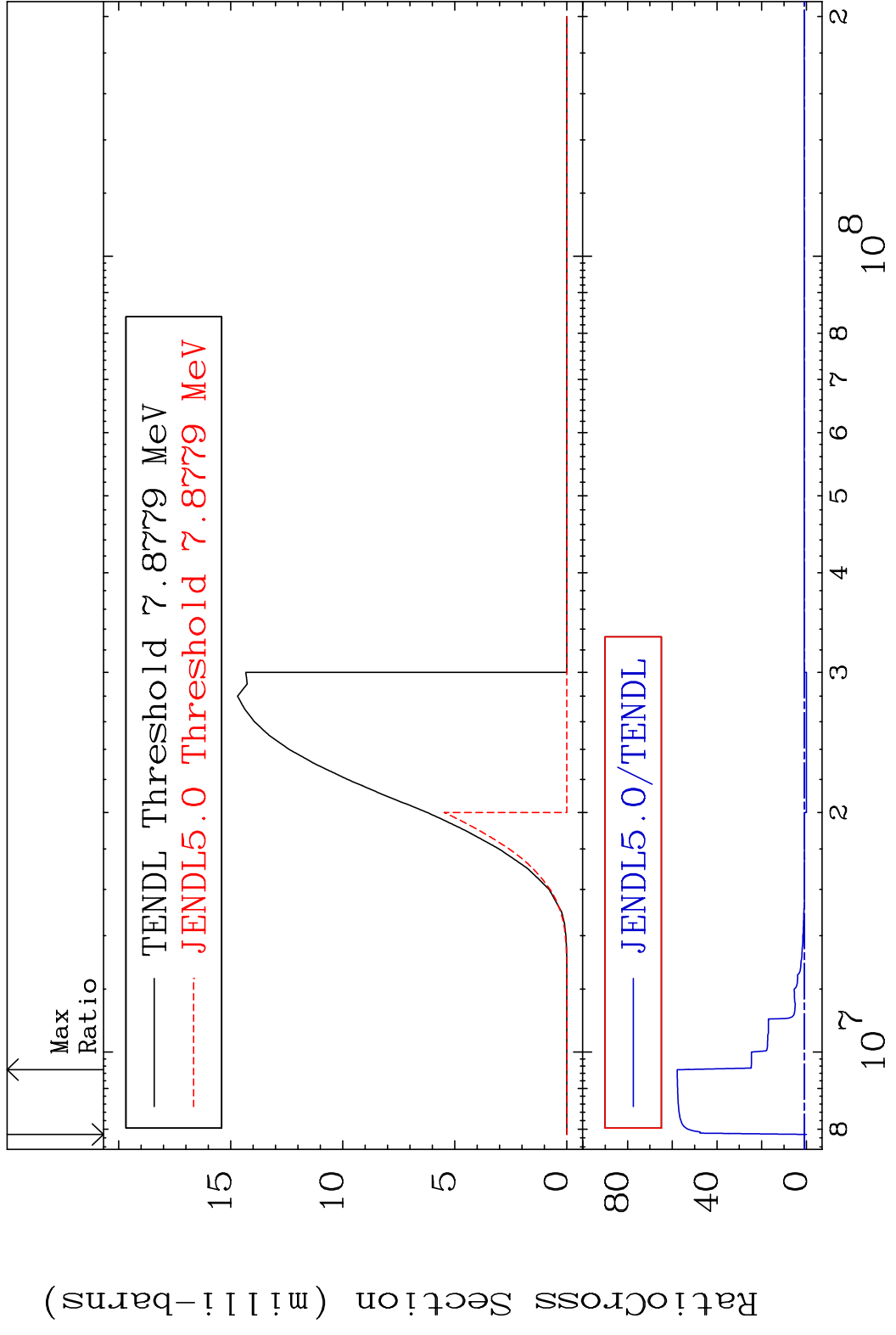
Incident Energy (eV)

50-Sn-119m

MAT 5047 (n,p) 50-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047 (n,d) 50-Sn-119m  
 Cross Section -100.0 To 5681. %



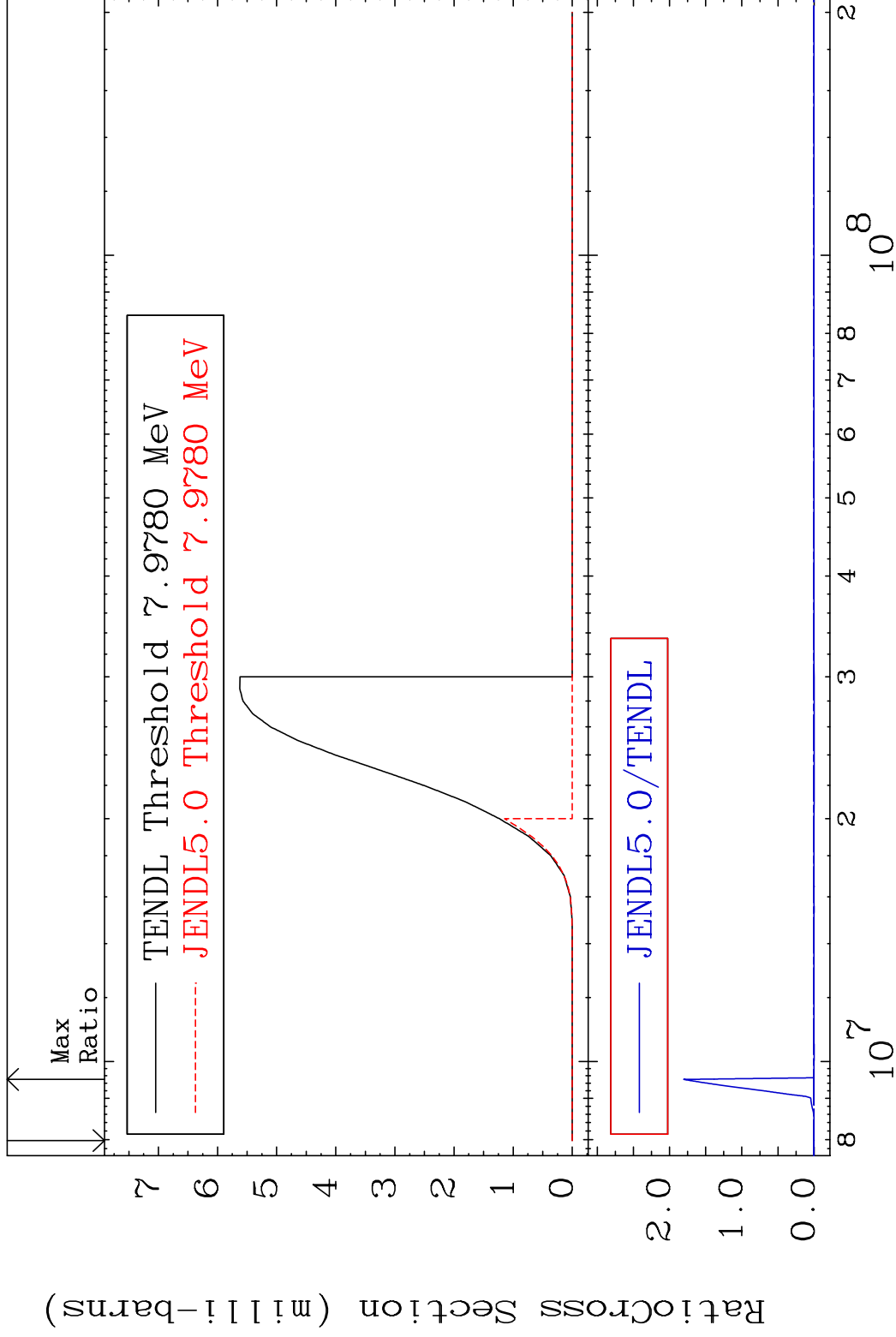
38 Incident Energy (eV) 50-Sn-119m

MAT 5047

(n, t)

50-Sn-119m

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

50-Sn-119m

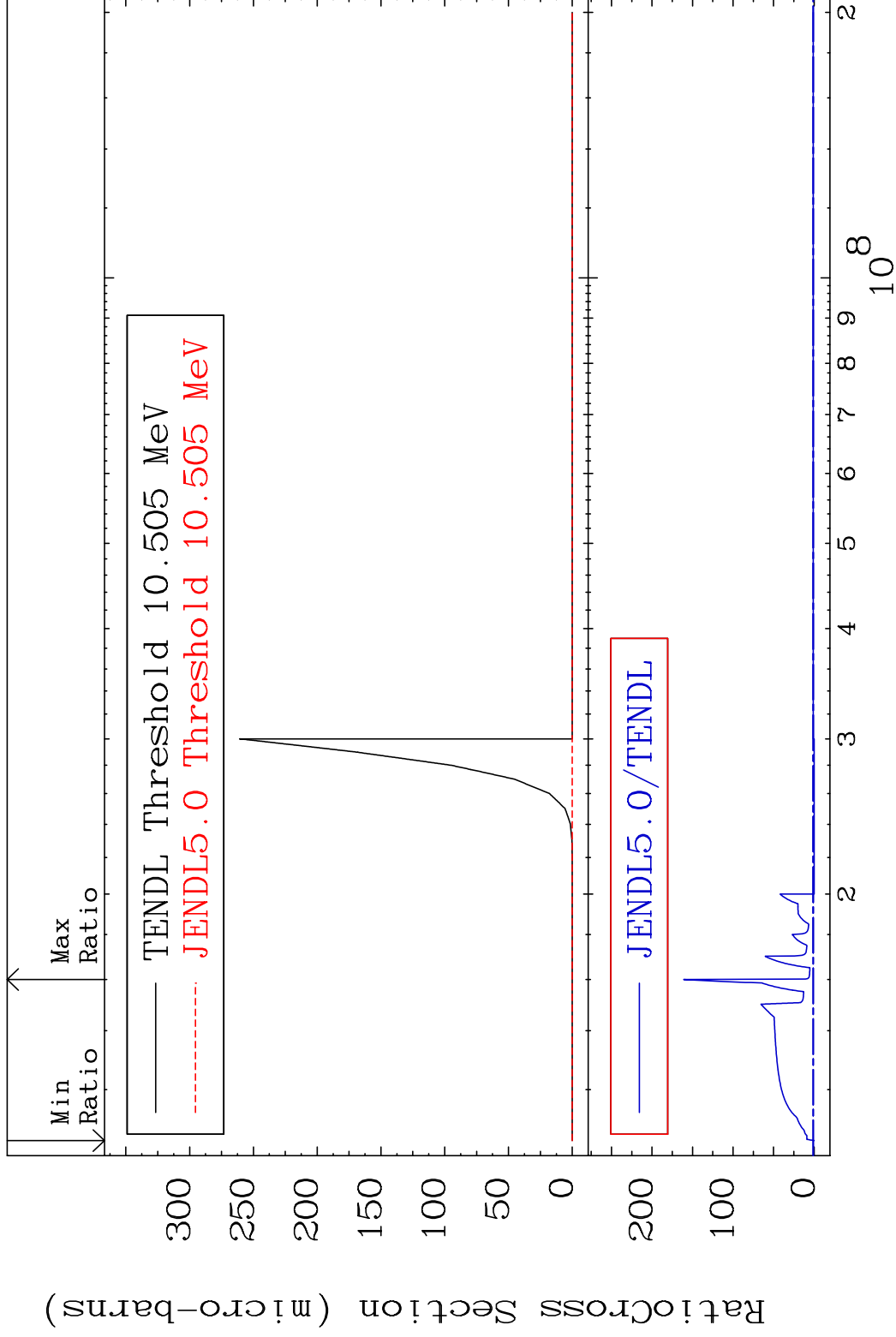


MAT 5047

(n, He-3)

50-Sn-119m

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

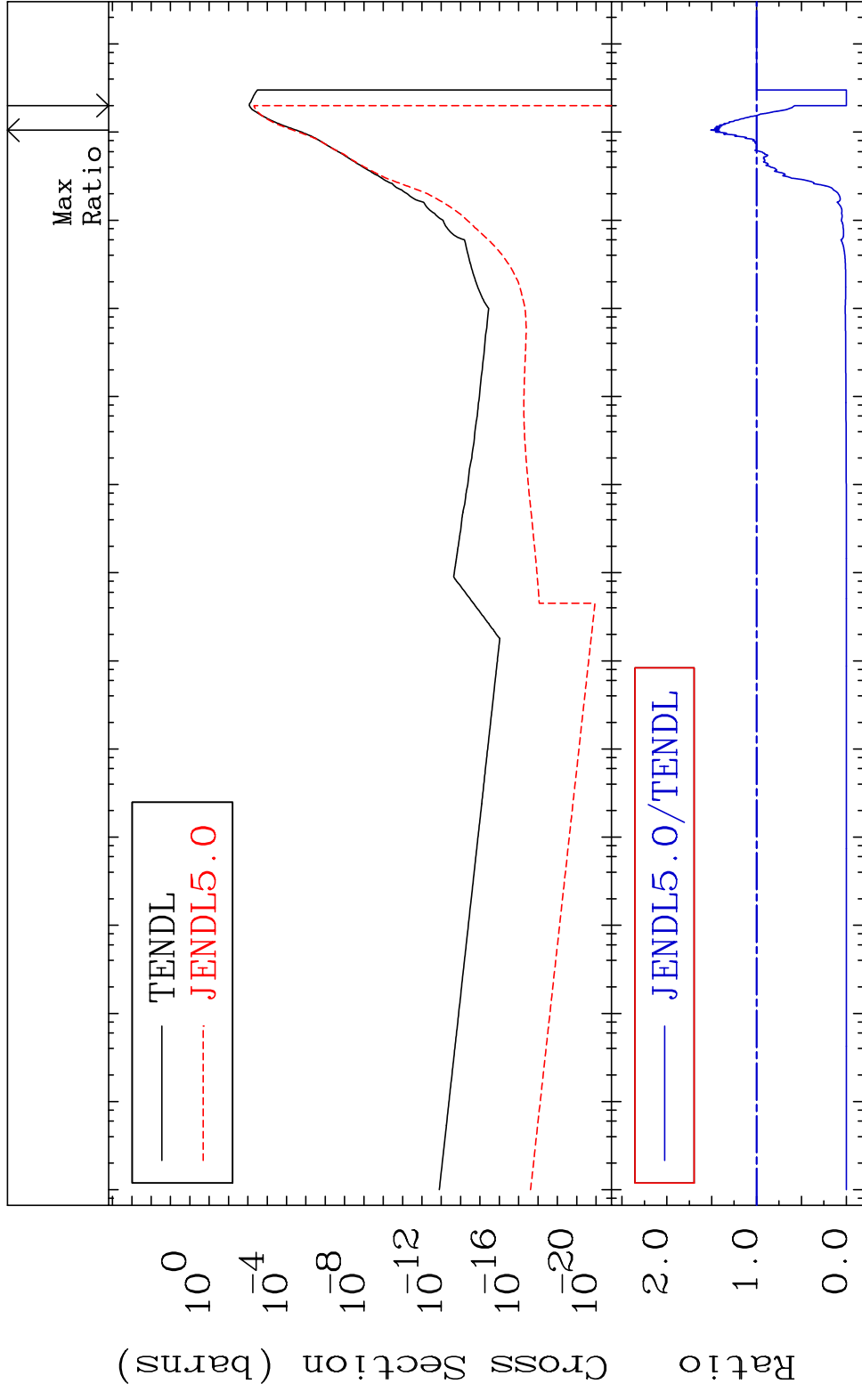
50-Sn-119m

MAT 5047

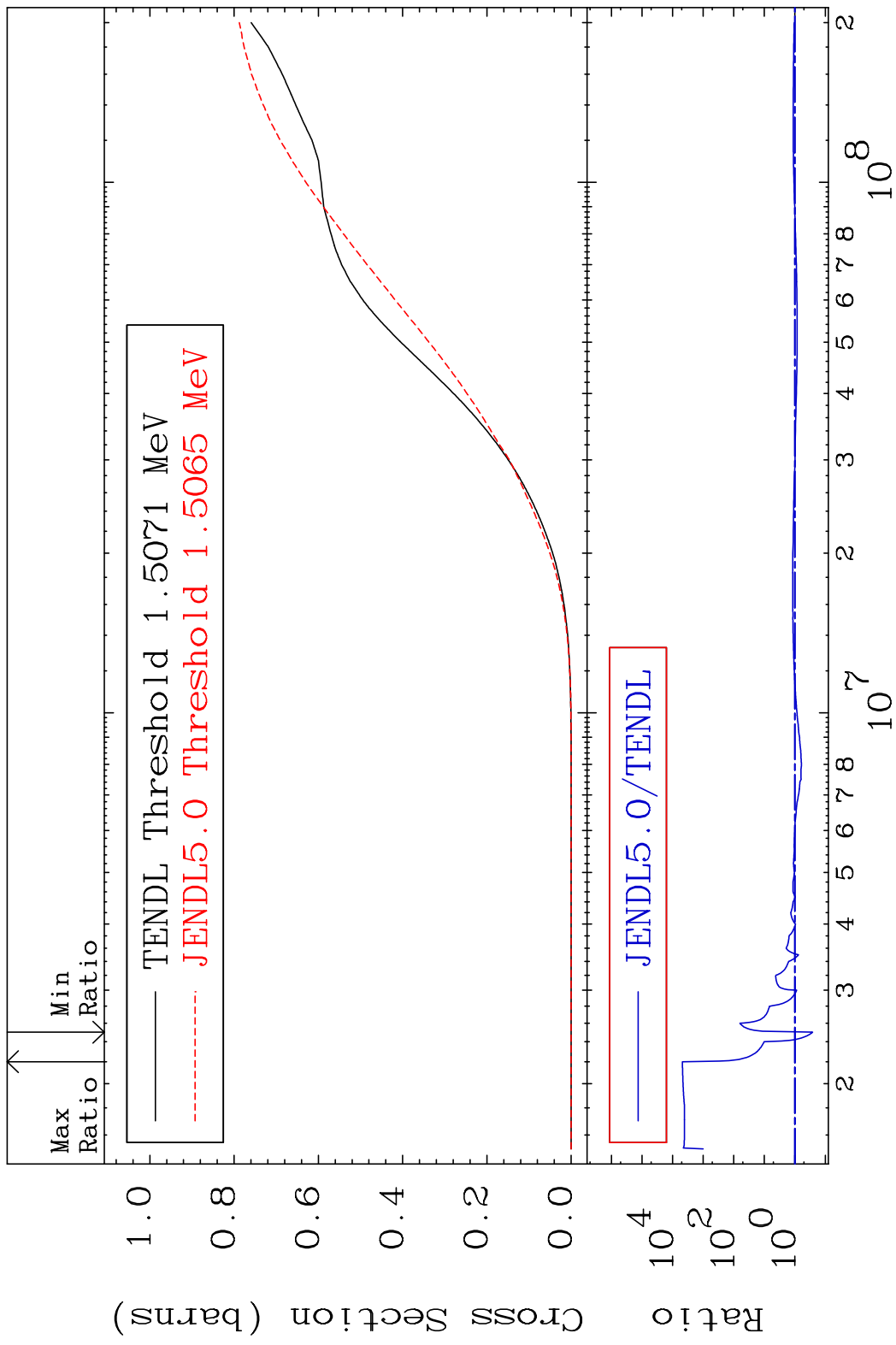
(n,  $\alpha$ )

50-Sn-119m

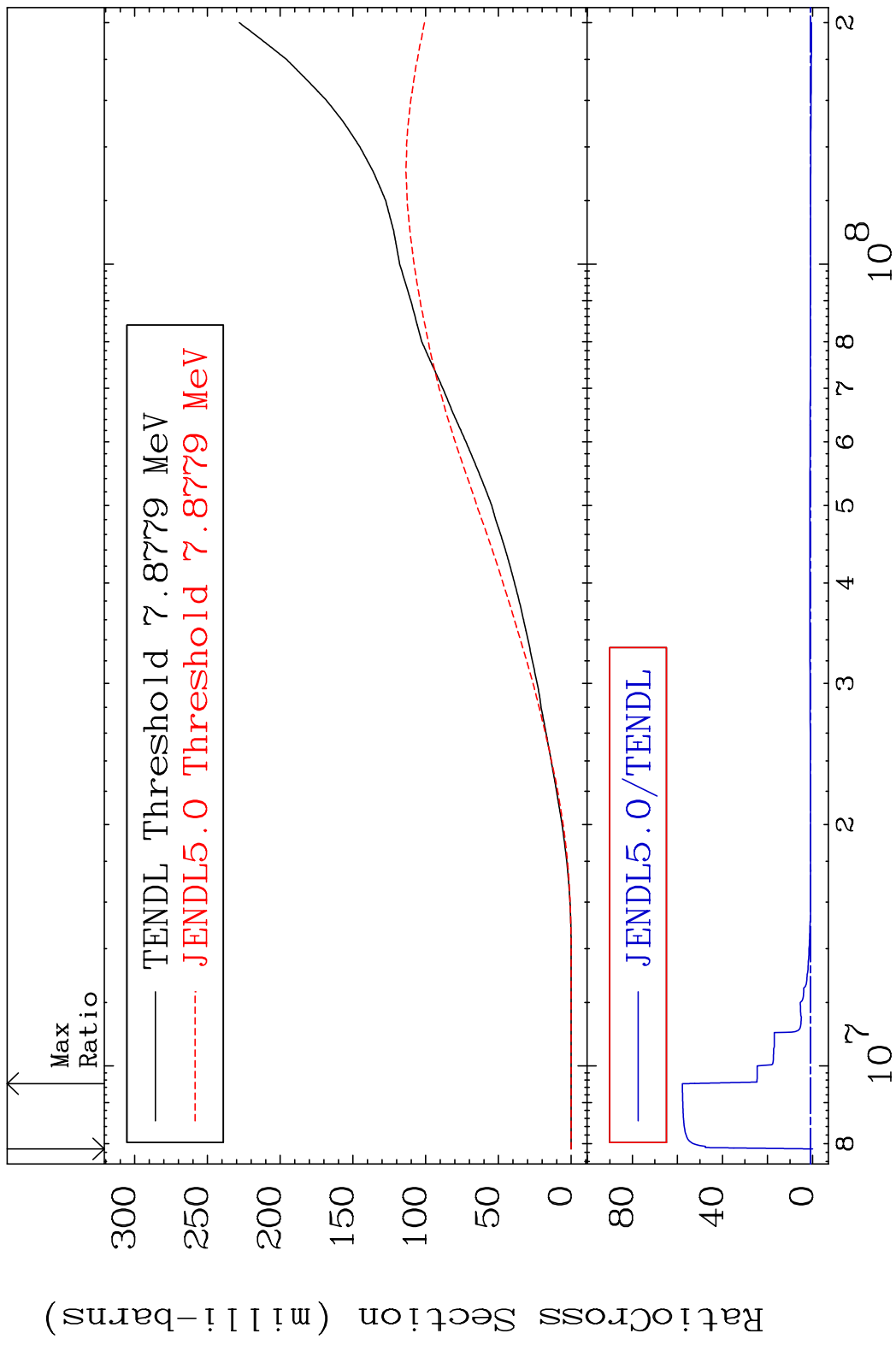
Cross Section -100.0 To 51.09 %



MAT 5047 Hydrogen Production 50-Sn-119m  
 Cross Section -73.88 To 9999. %



MAT 5047 Deuterium Production 50-Sn-119m  
 Cross Section -100.0 To 5681. %



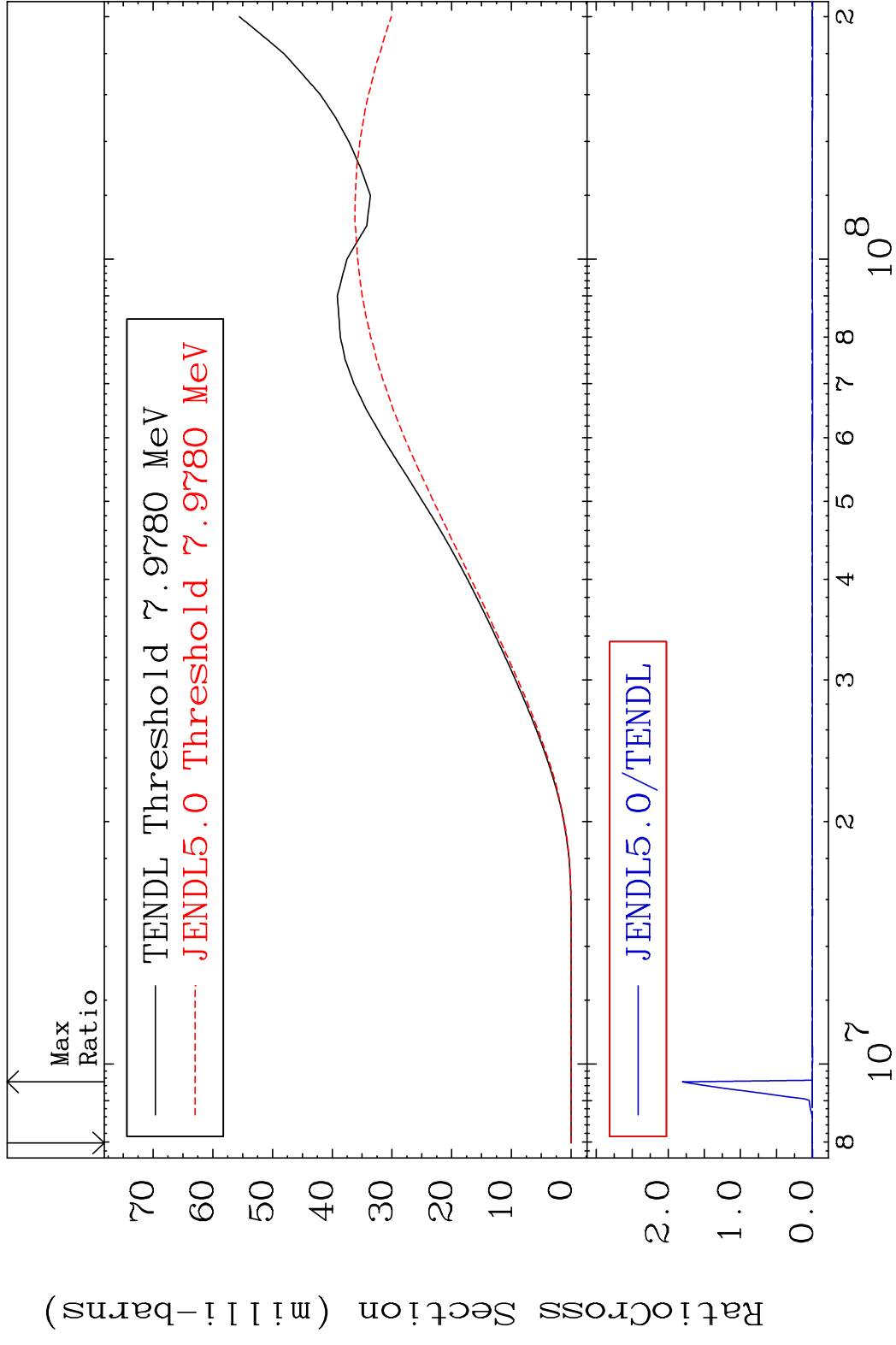
MAT 5047

Tritium Production

50-Sn-119m

Cross Section

-100.0 To 9999. %



44

Incident Energy (eV)

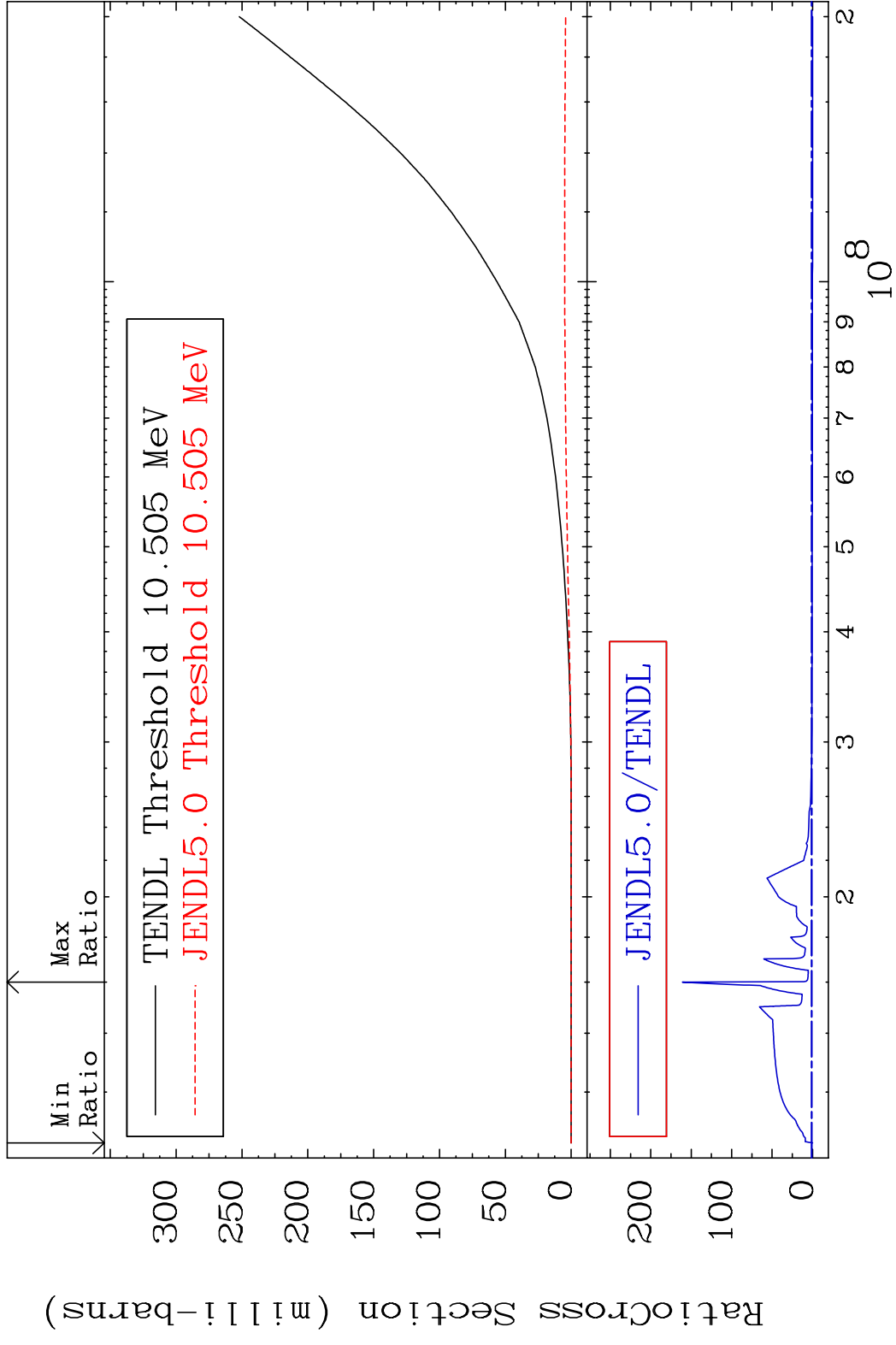
50-Sn-119m

MAT 5047

He-3 Production

50-Sn-119m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

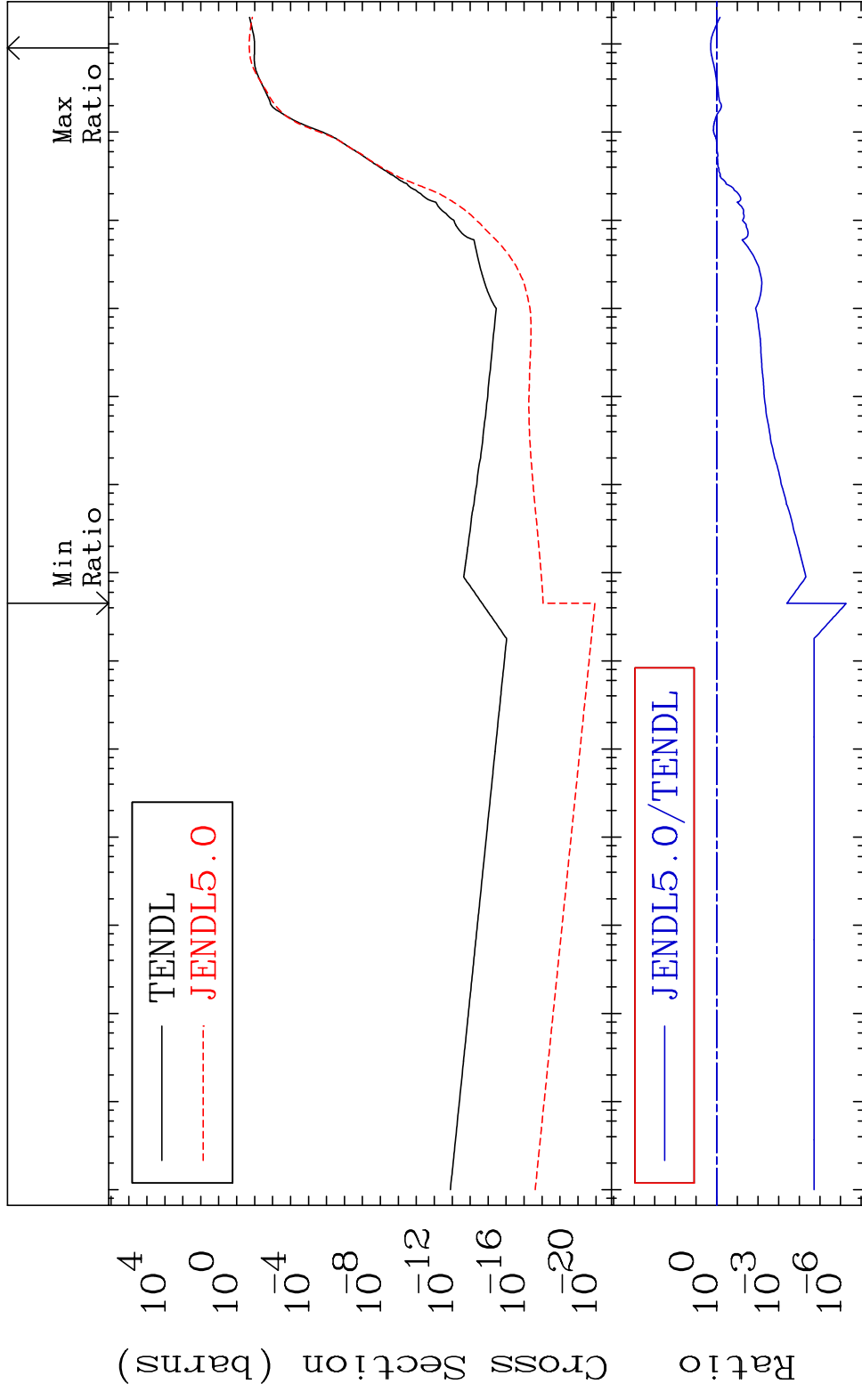
50-Sn-119m

MAT 5047

He-4 Production

50-Sn-119m

Cross Section -100.0 To 95.42 %

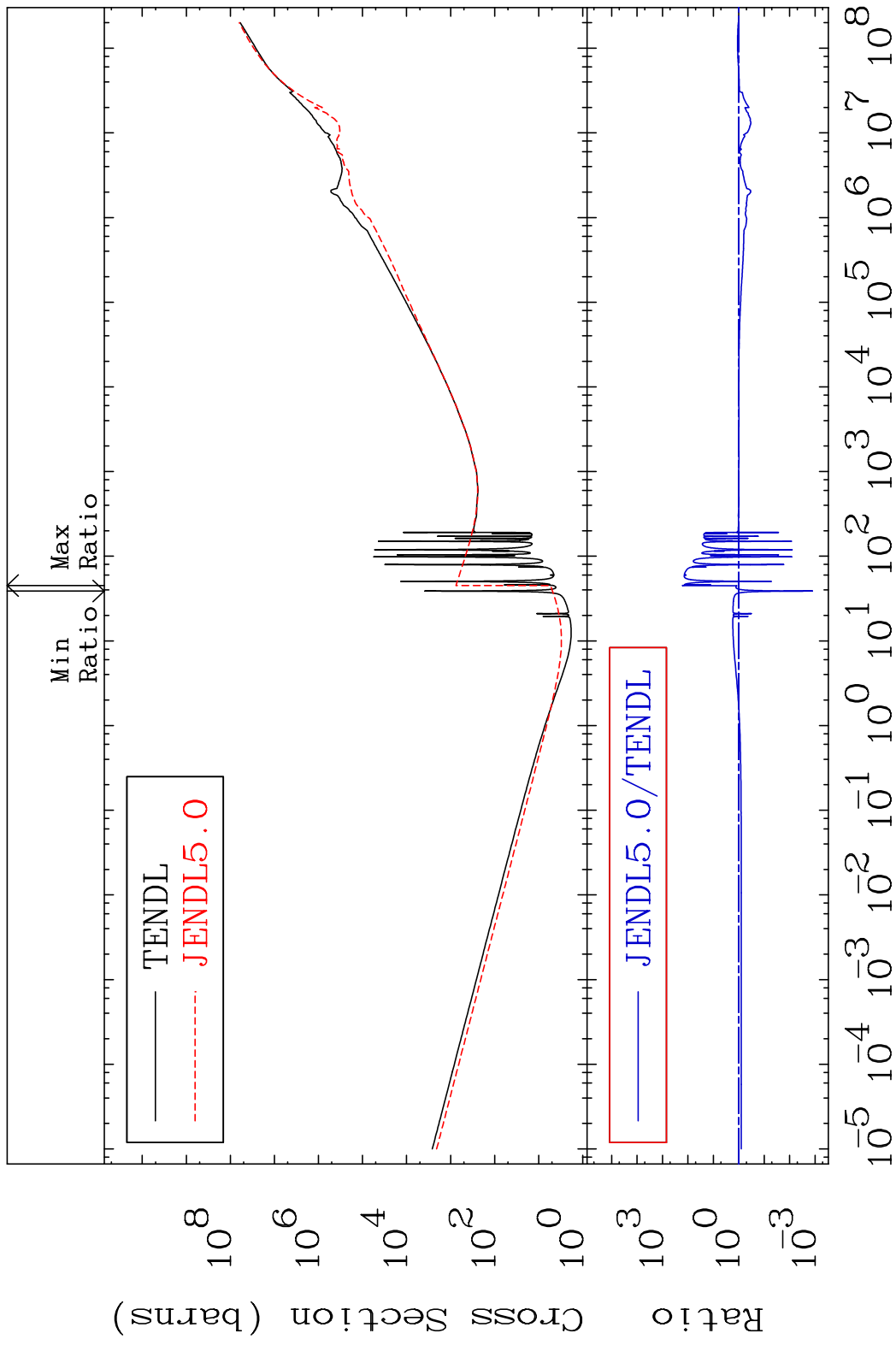


46

Incident Energy (eV)

50-Sn-119m

MAT 5047 Kerma total (eV-barns) 50-Sn-119m  
 Cross Section -99.87 To 9999. %



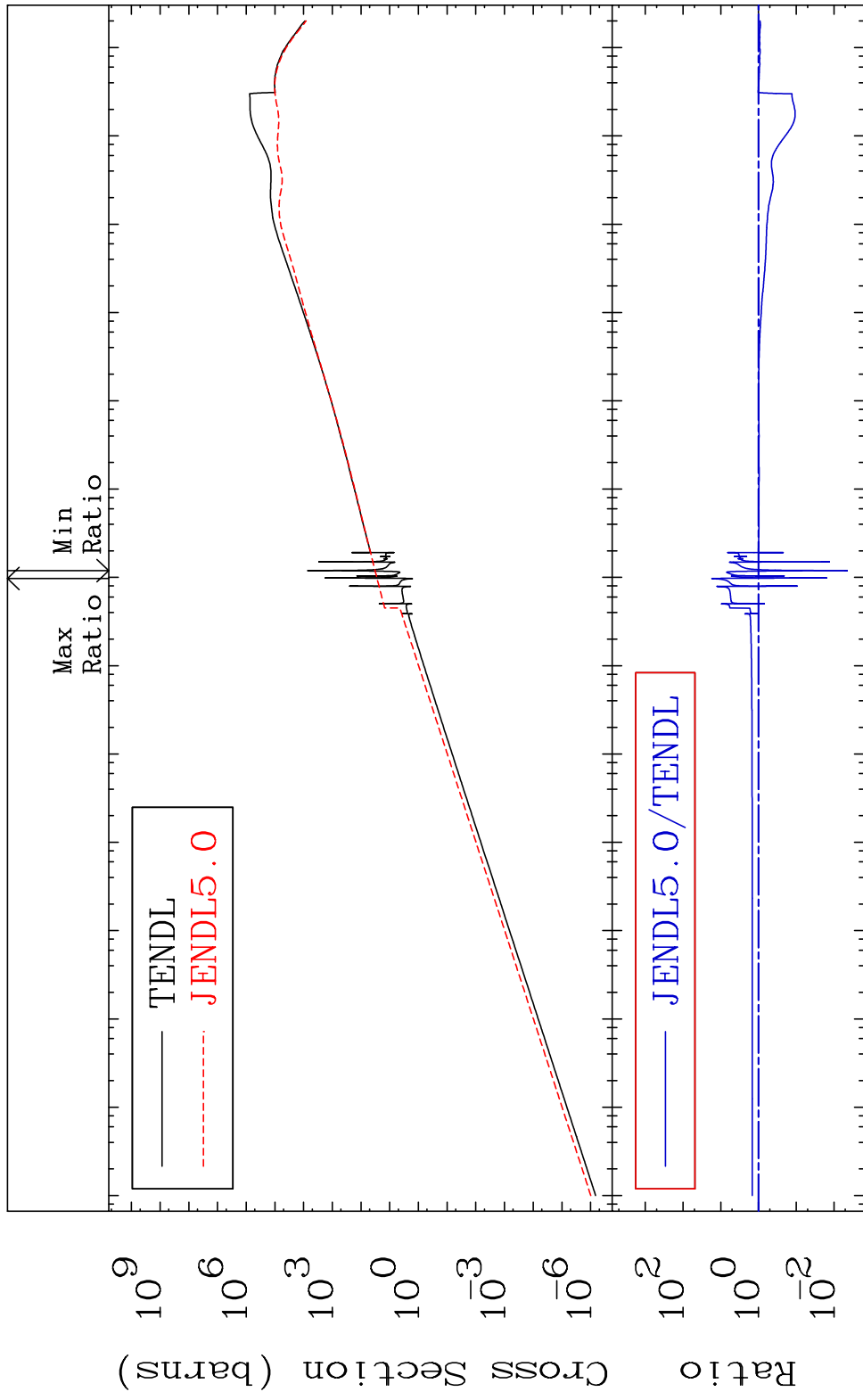
47 Incident Energy (eV) 50-Sn-119m



MAT 5047

Kerma elastic  
Cross Section

50-Sn-119m  
-99.56 To 1653. %

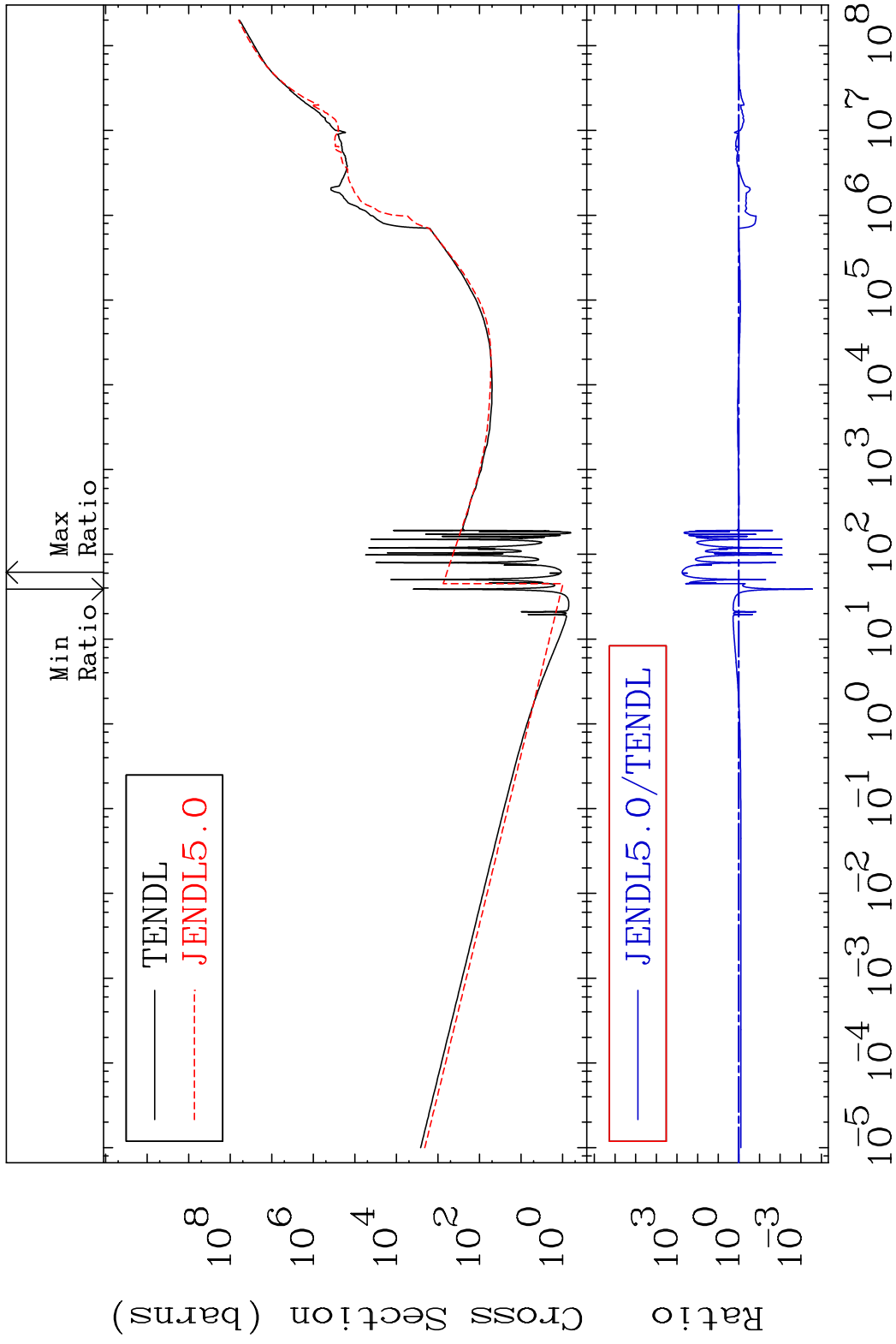


48

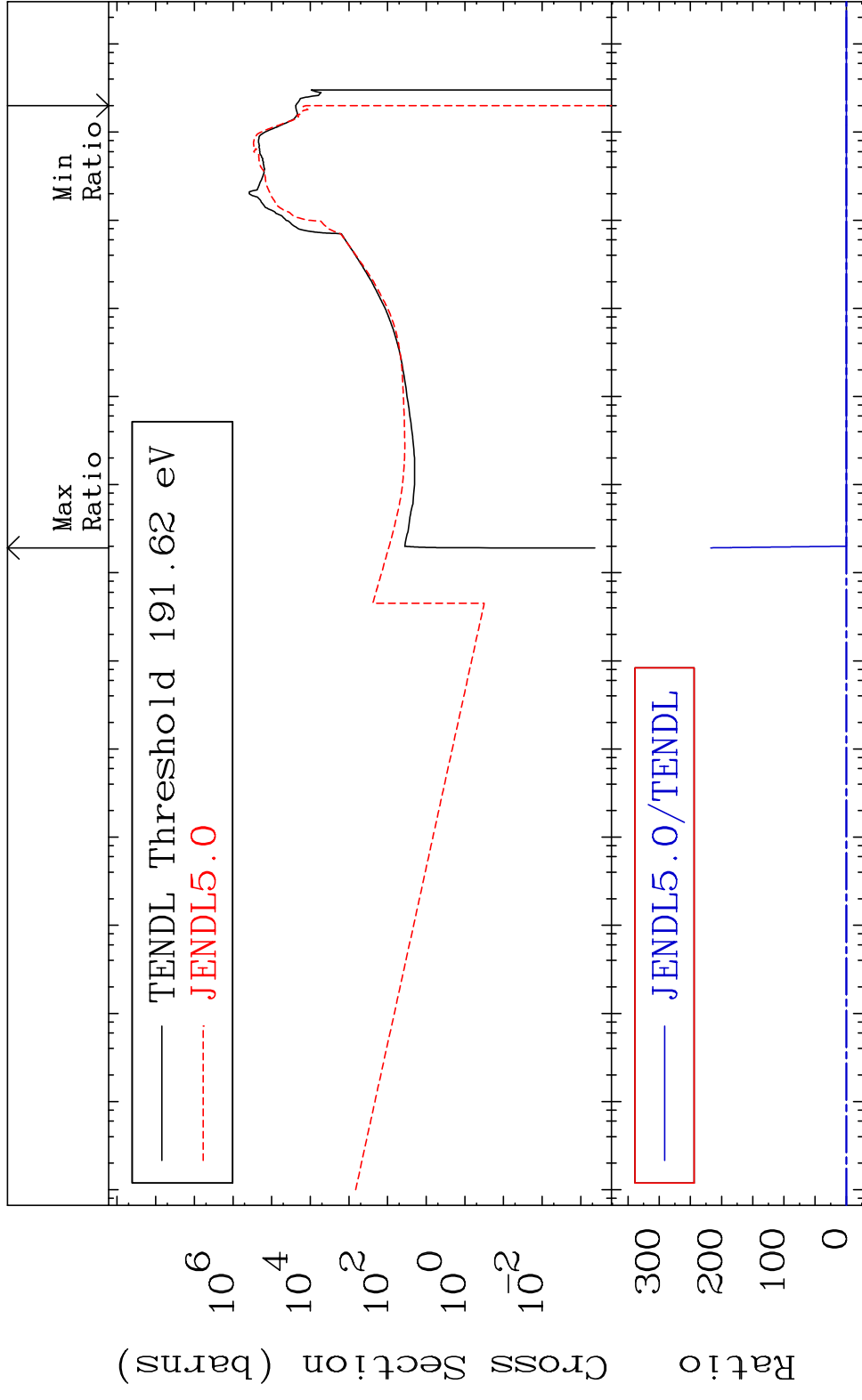
Incident Energy (eV)

50-Sn-119m

MAT 5047 Kerma non-elastic (all but mt2) 50-Sn-119m  
 Cross Section -99.97 To 9999. %

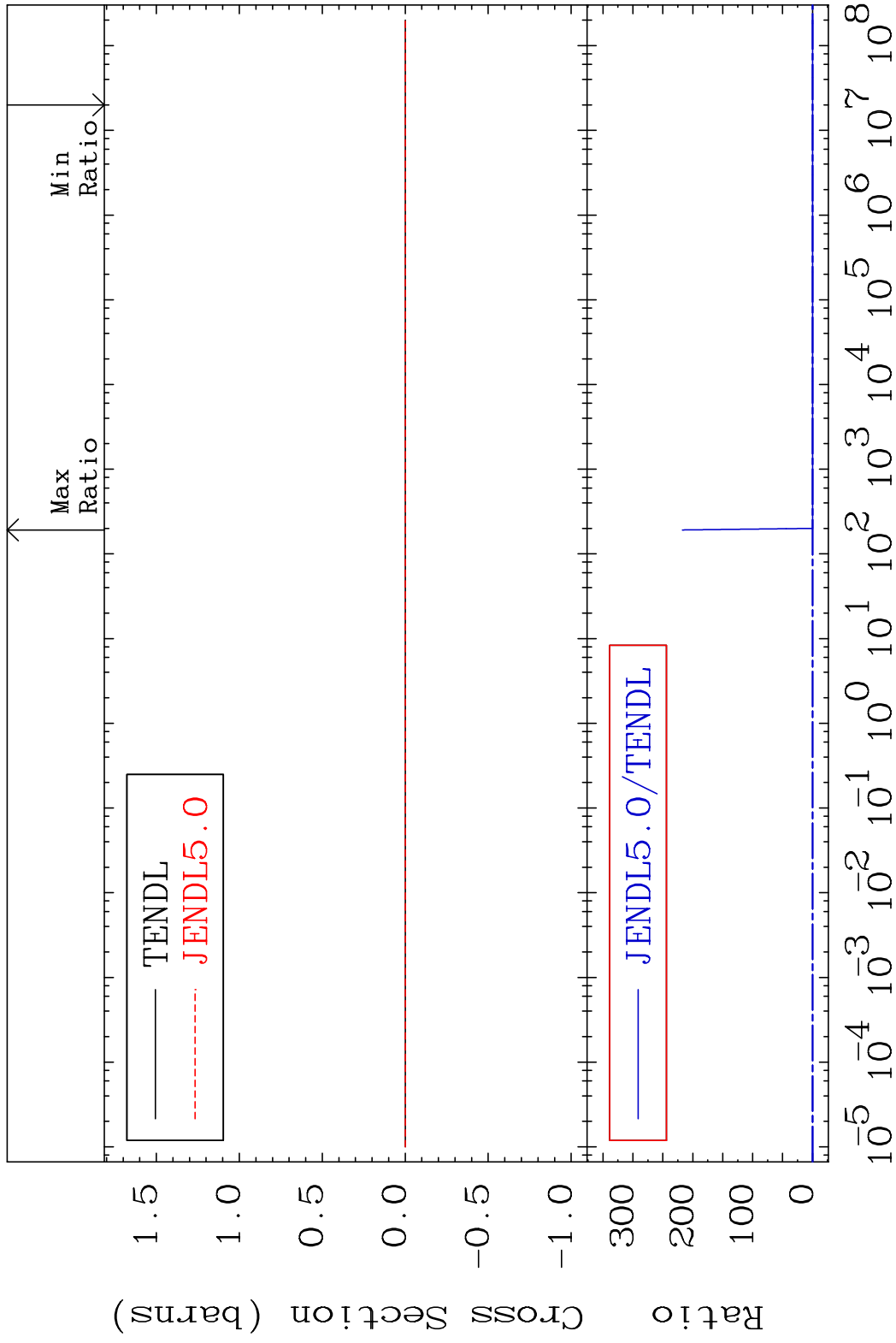


MAT 5047 Kerma inelastic (mt51-91) 50-Sn-119m  
 Cross Section -100.0 To 9999. %



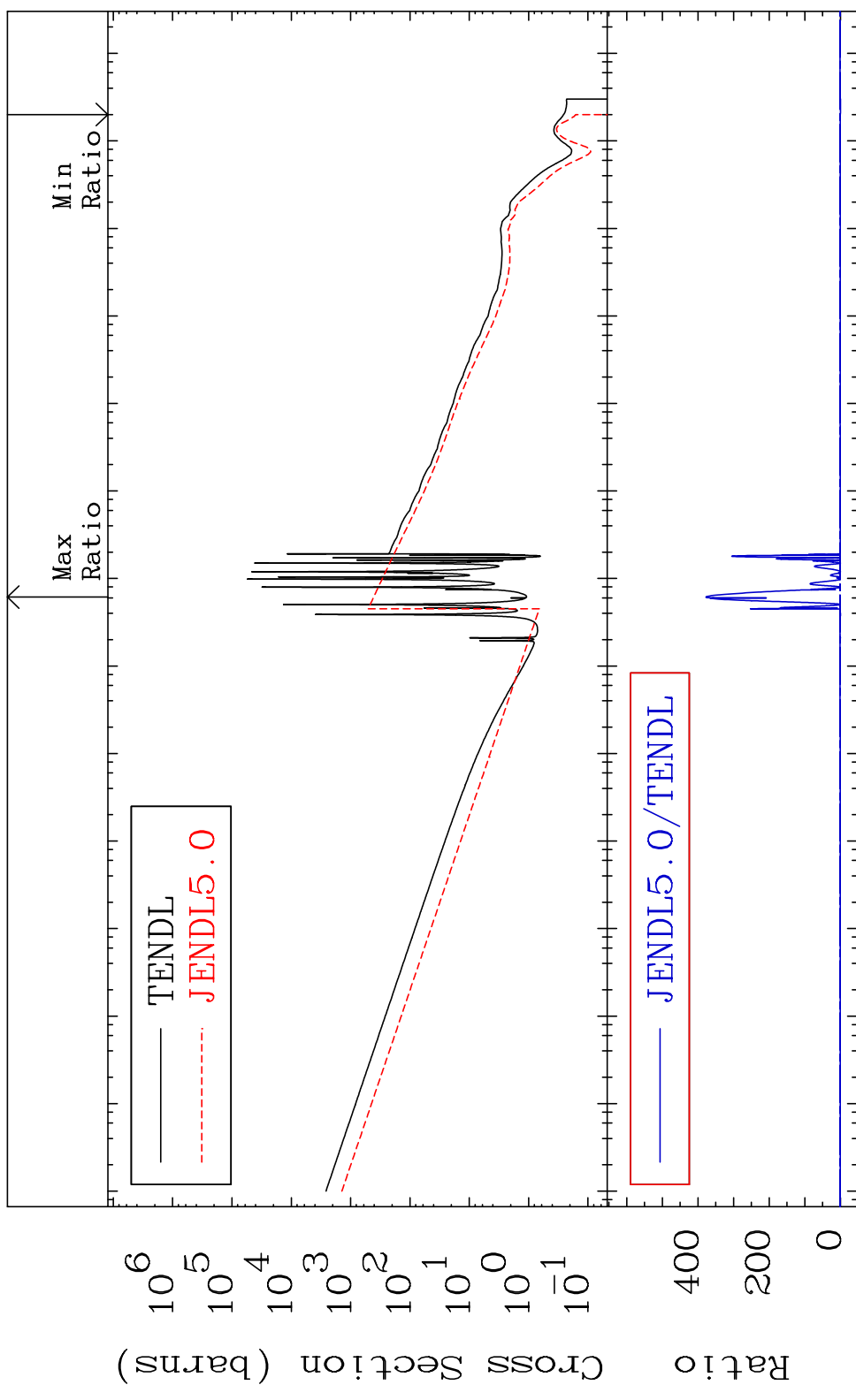
50 Incident Energy (eV) 50-Sn-119m

MAT 5047 Kerma fission (mt18 or mt19-20-21-350)-Sn-119m  
 Cross Section -100.0 To 9999. %



MAT 5047

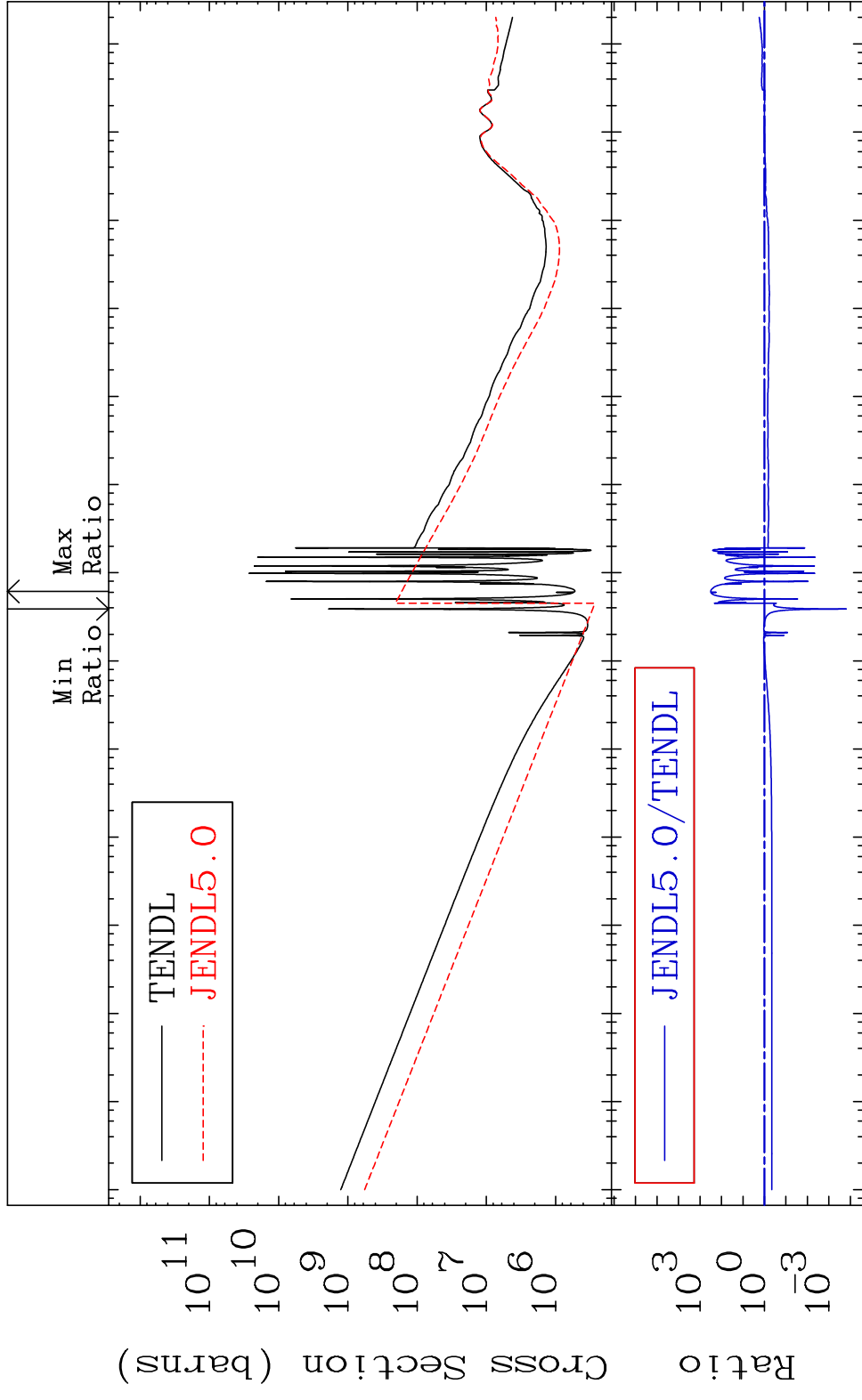
Kerma capture (mt102) 50-Sn-119m  
Cross Section -100.0 To 9999. %



52

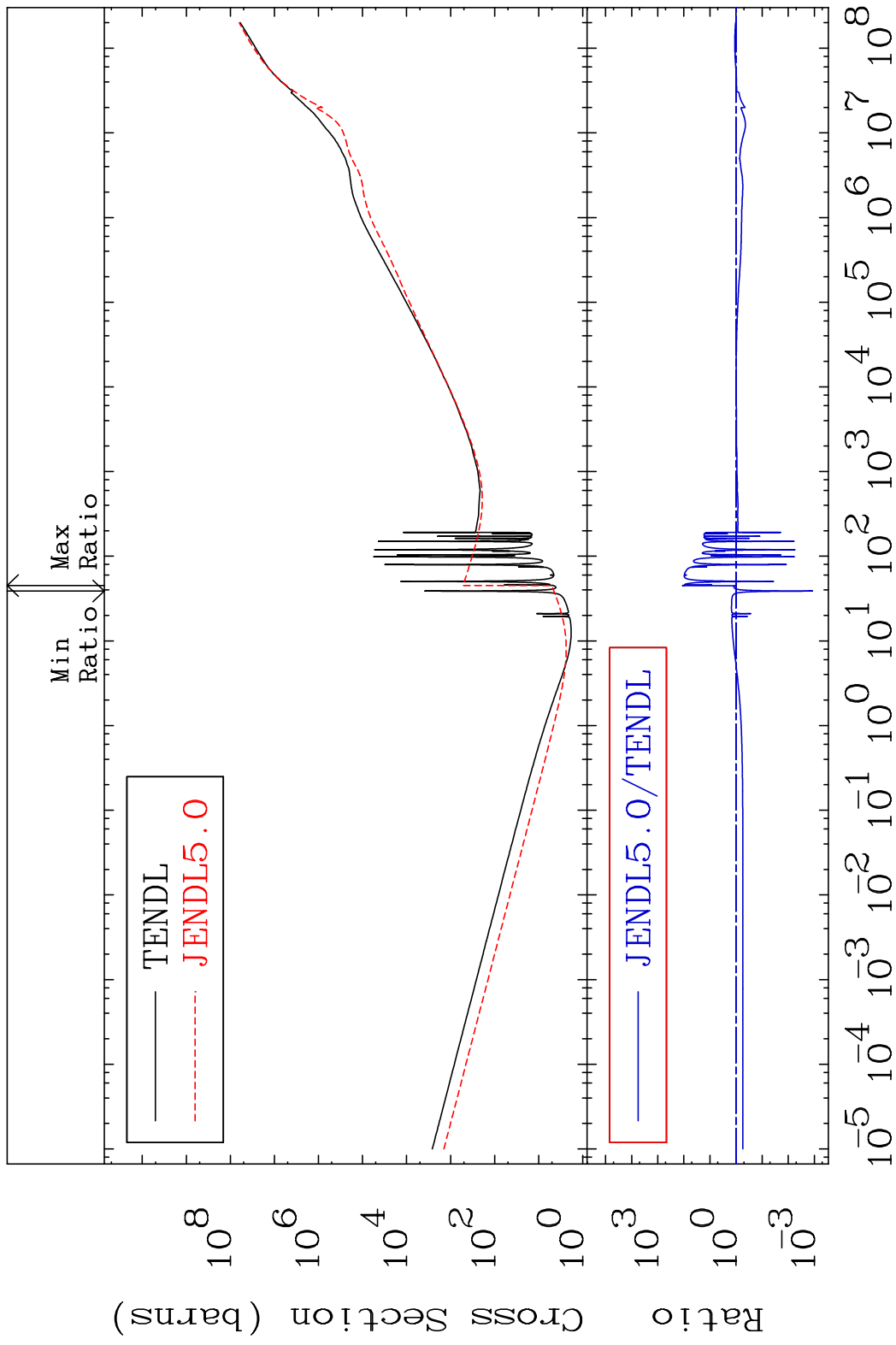
Incident Energy (eV) 50-Sn-119m

MAT 5047 Total photon (eV-barns) 50-Sn-119m  
 Cross Section -99.98 To 9999. %

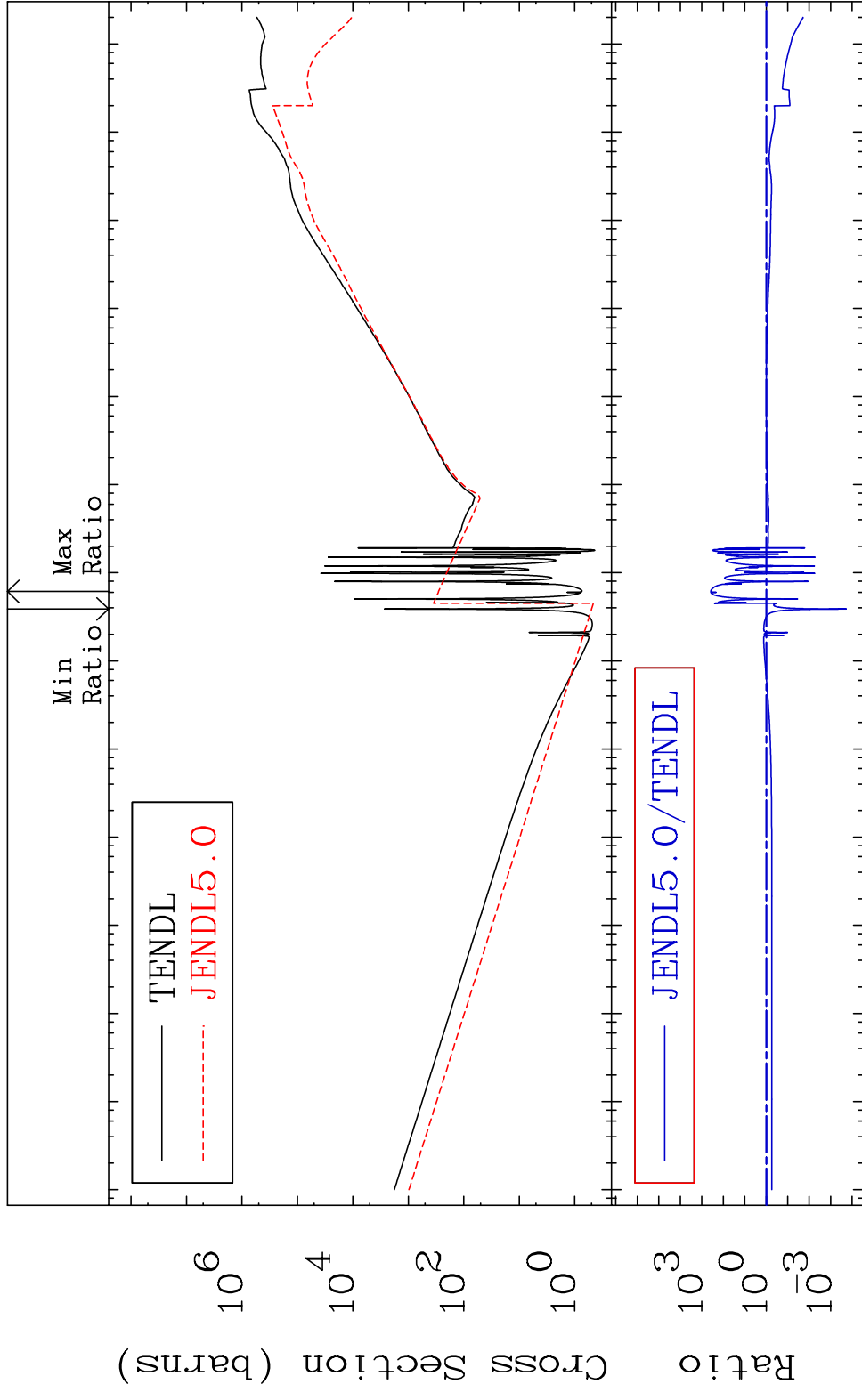


53 Incident Energy (eV) 50-Sn-119m

MAT 5047 Total kinematic kerma (high limit)50-Sn-119m  
 Cross Section -99.88 To 9999. %



MAT 5047 Dpa total (eV-barns) 50-Sn-119m  
 Cross Section -99.98 To 9999. %



55 Incident Energy (eV) 50-Sn-119m



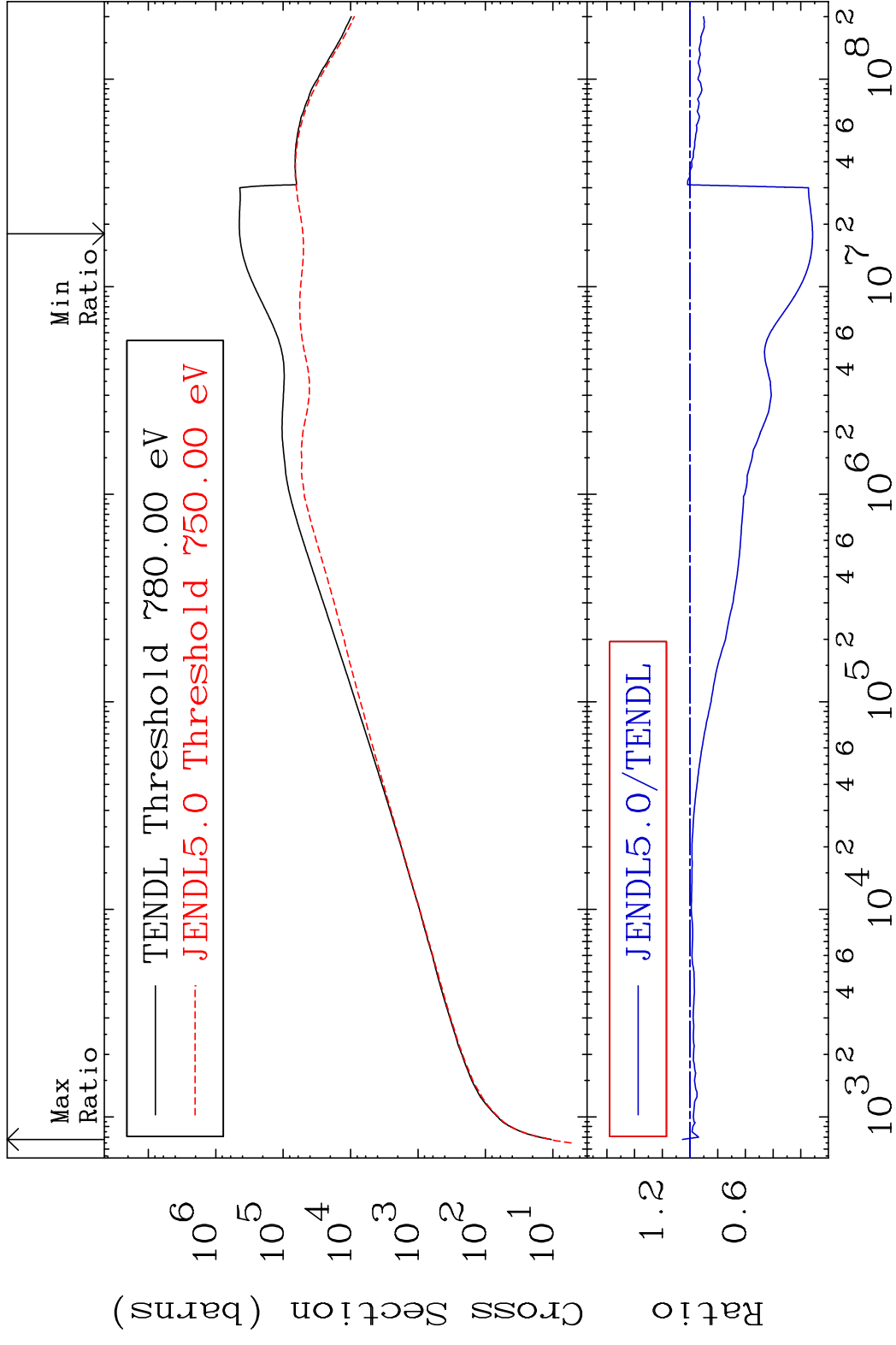
MAT 5047

Dpa elastic (mt2)

50-Sn-119m

Cross Section

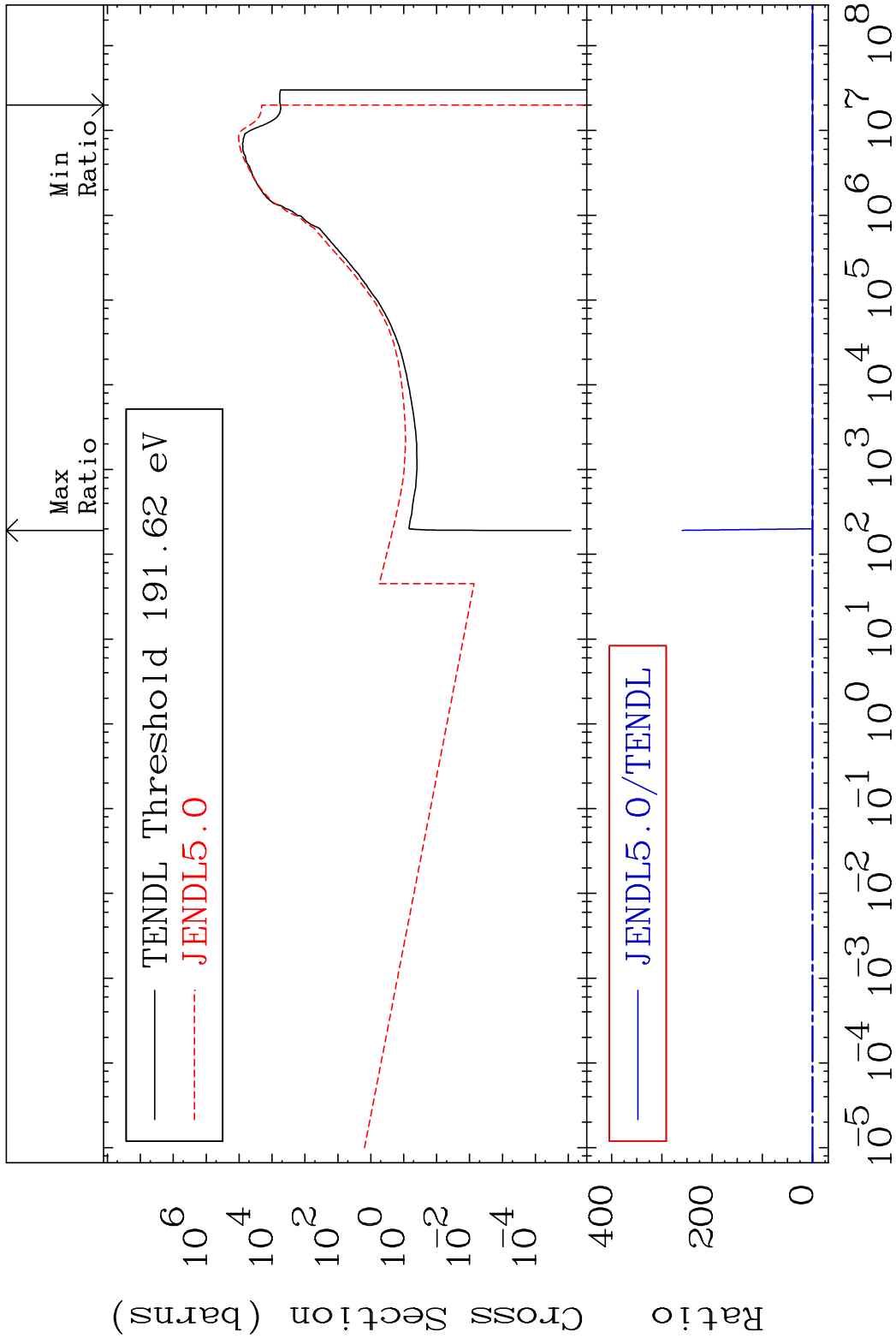
-88.46 To 5.522 %



MAT 5047

Dpa inelastic (mt51-91) 50-Sn-119m

Cross Section -100.0 To 9999. %

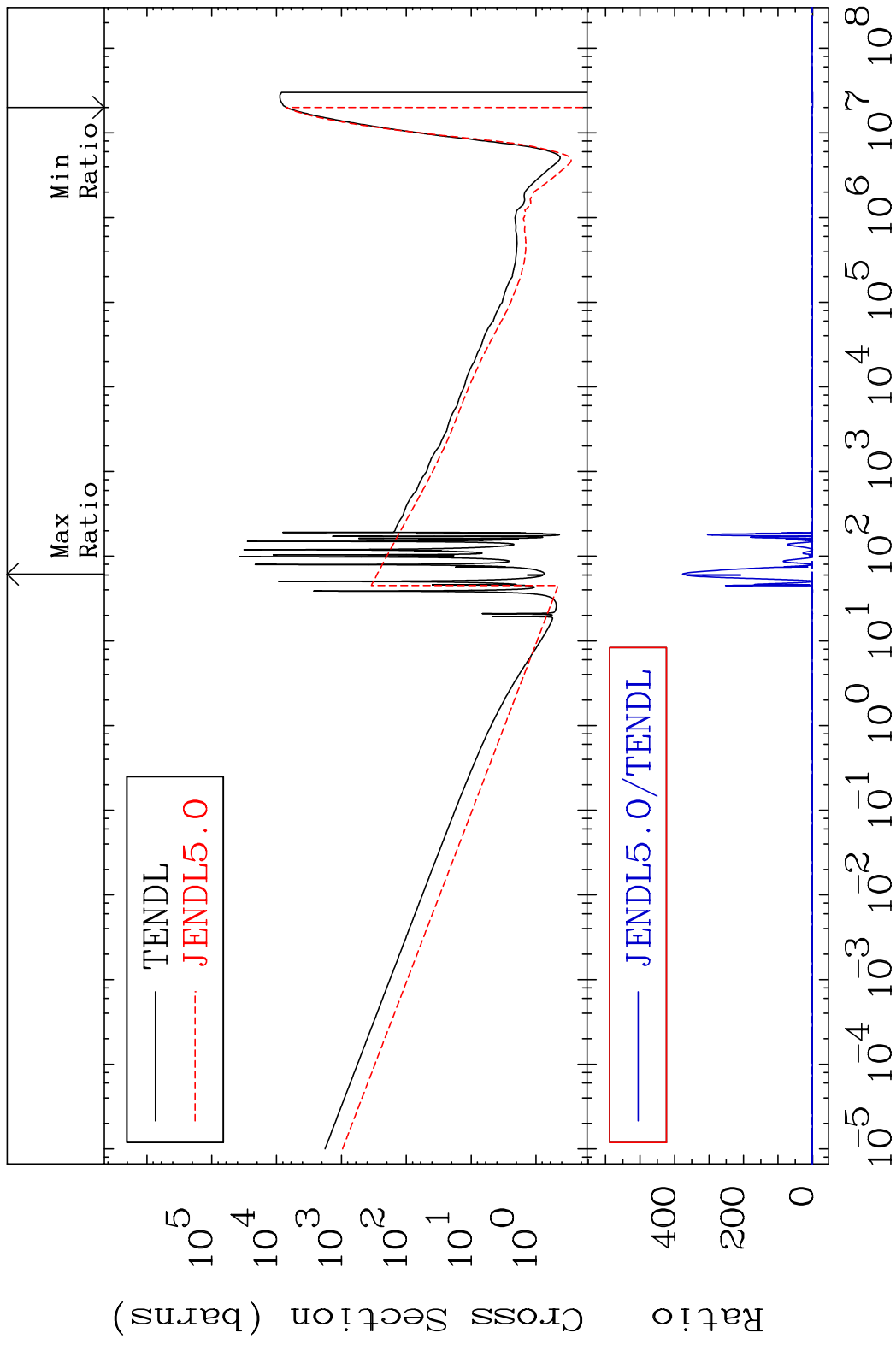


57

Incident Energy (eV)

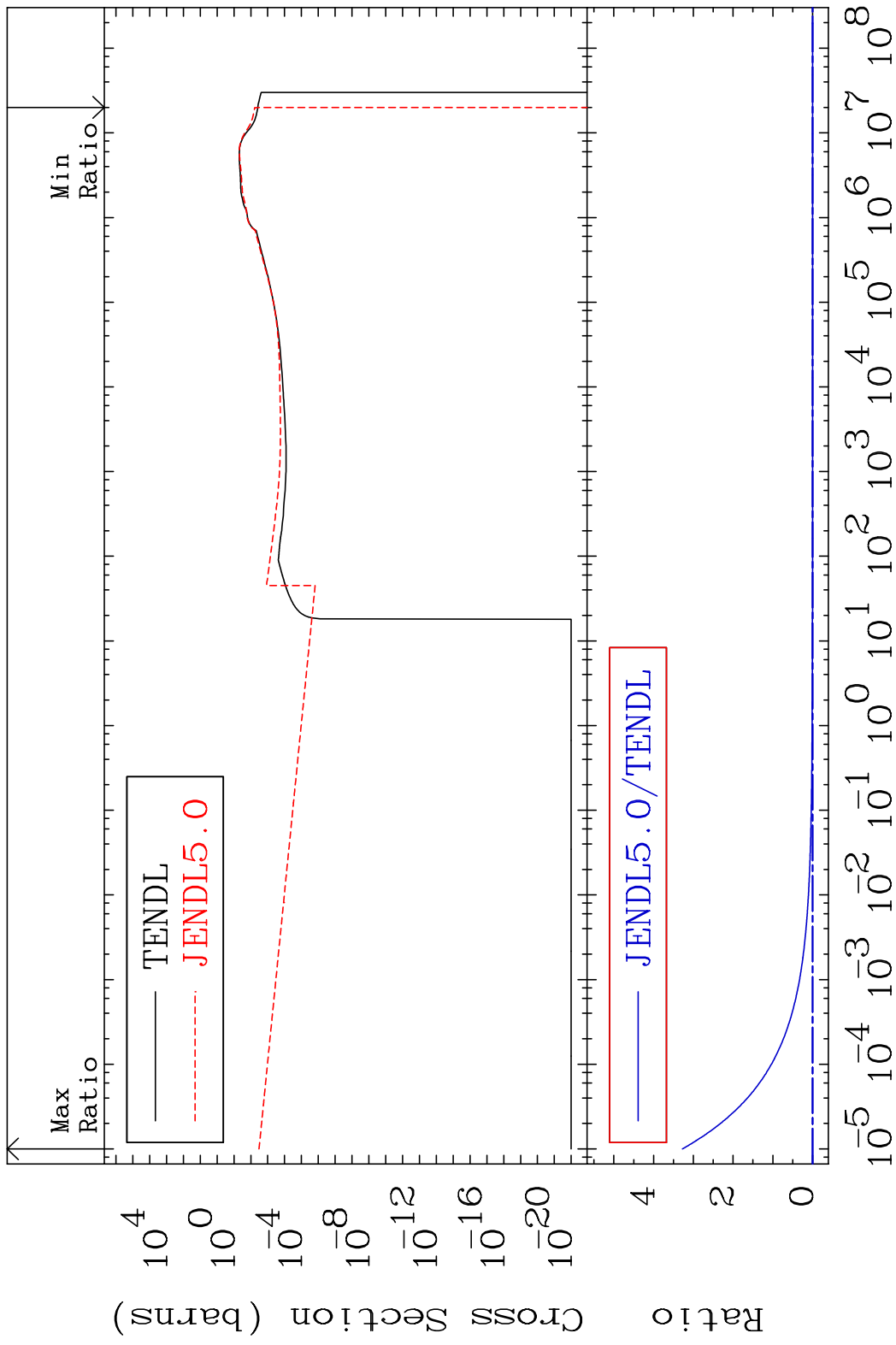
50-Sn-119m

MAT 5047 Dpa disappearance (mt102 -120) 50-Sn-119m  
 Cross Section -100.0 To 9999. %



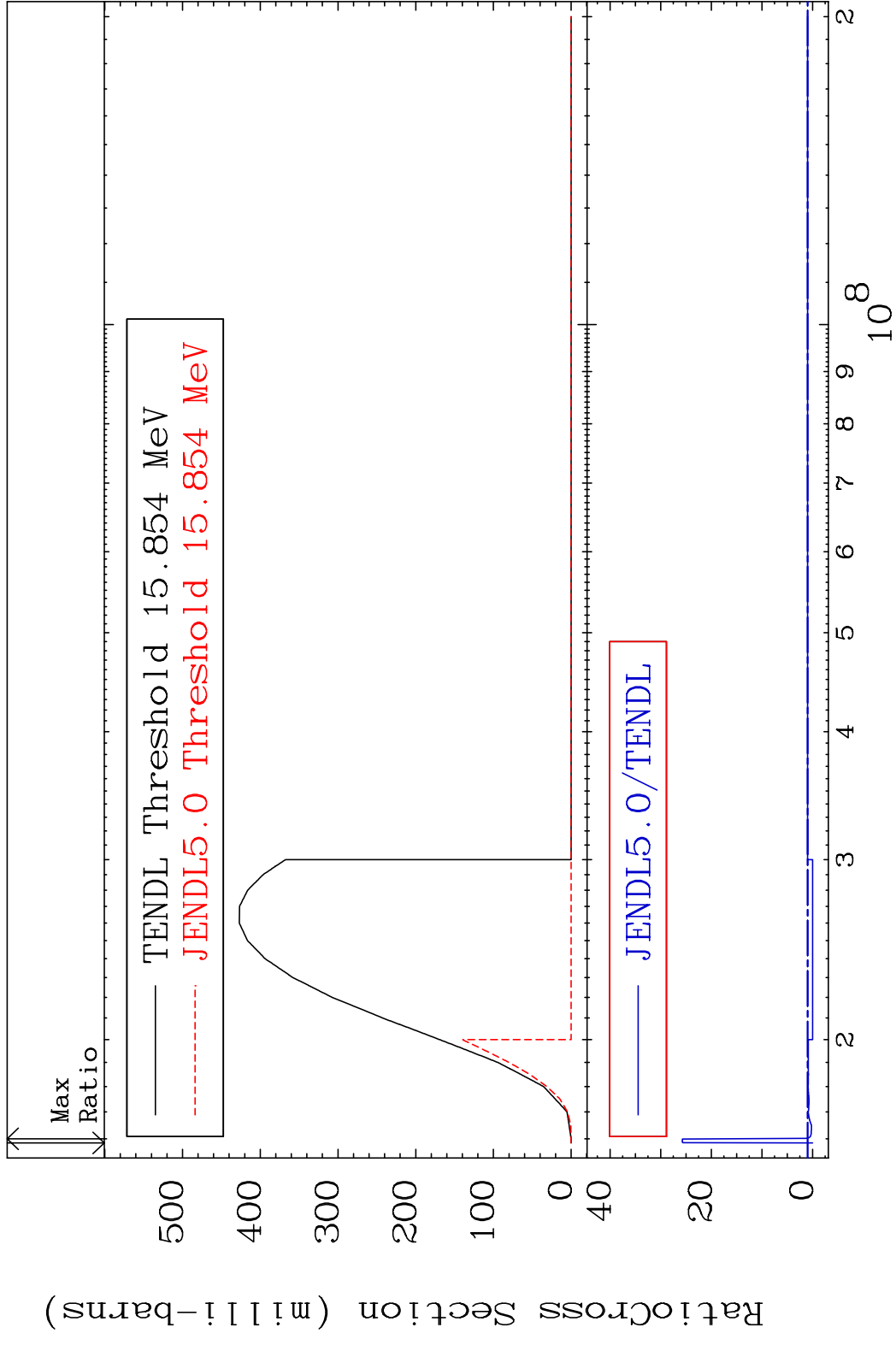
58 Incident Energy (eV) 50-Sn-119m

MAT 5047 Inelastic:50-Sn-119g 50-Sn-119m  
 Radionuclide Production Cross Section 100.00 to 9999.99 %

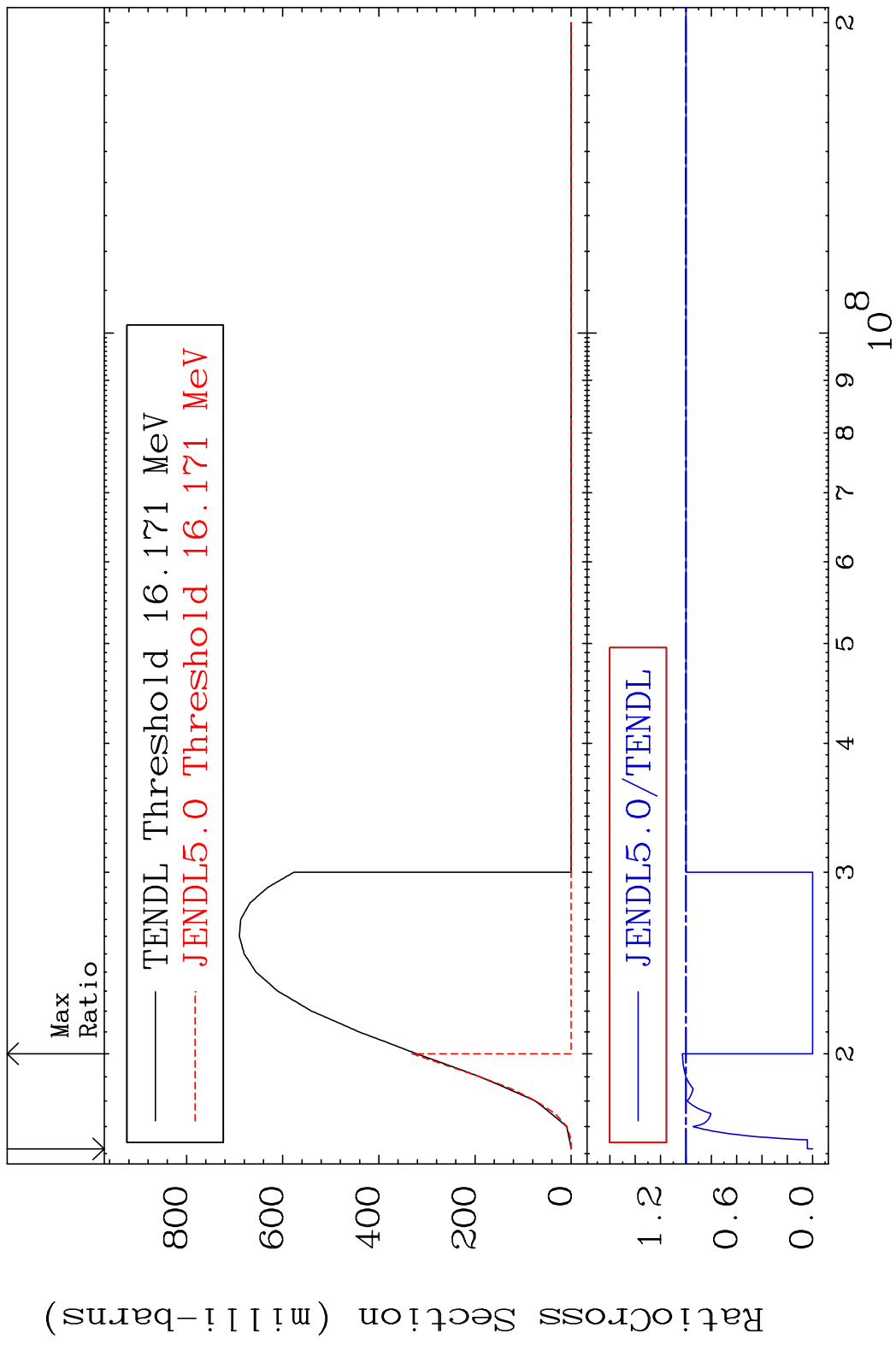


59 Incident Energy (eV) 50-Sn-119m

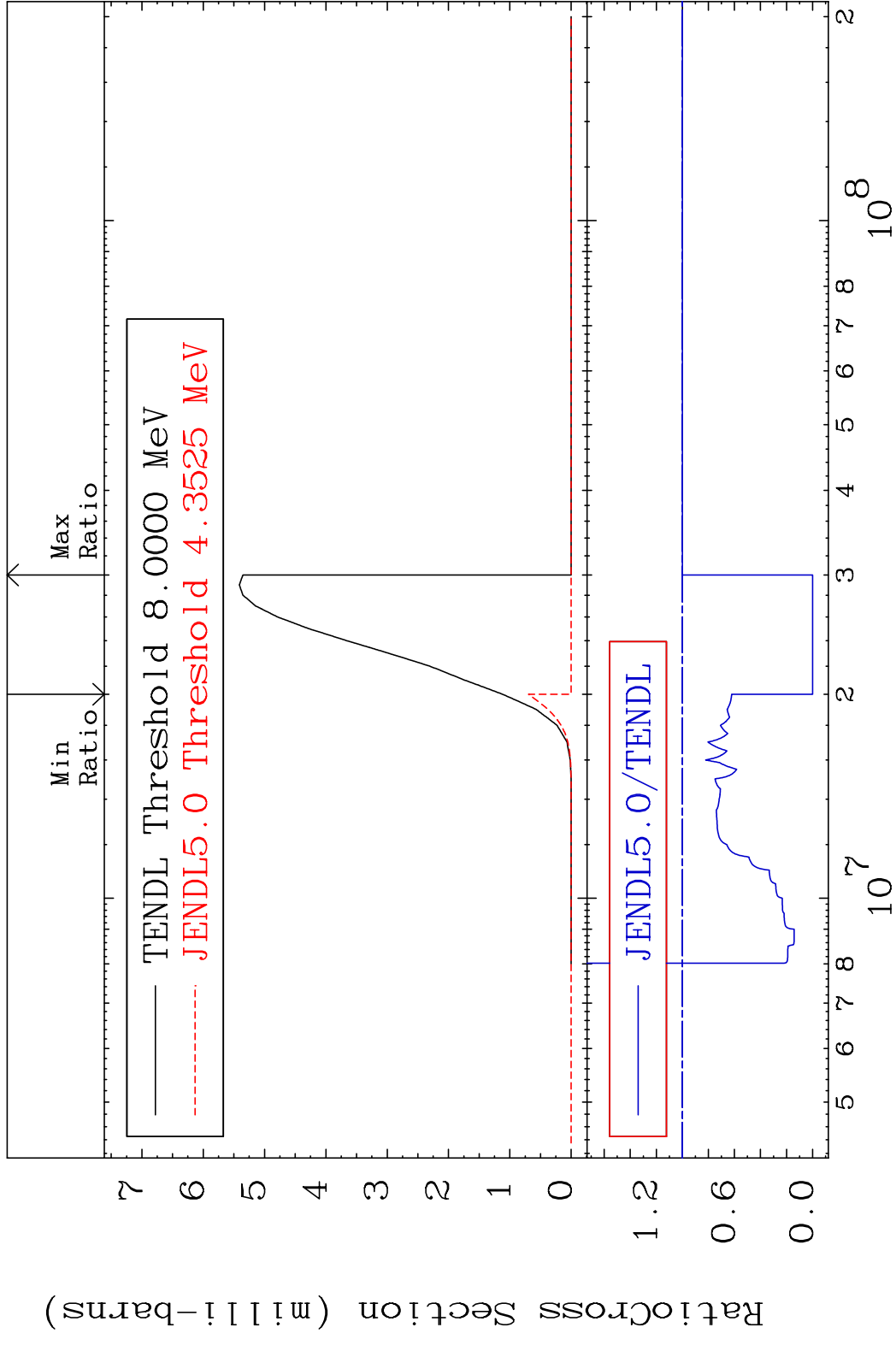
MAT 5047 (n,3n):50-Sn-117g 50-Sn-119m  
 Radionuclide Production Cross Section to 2472. %



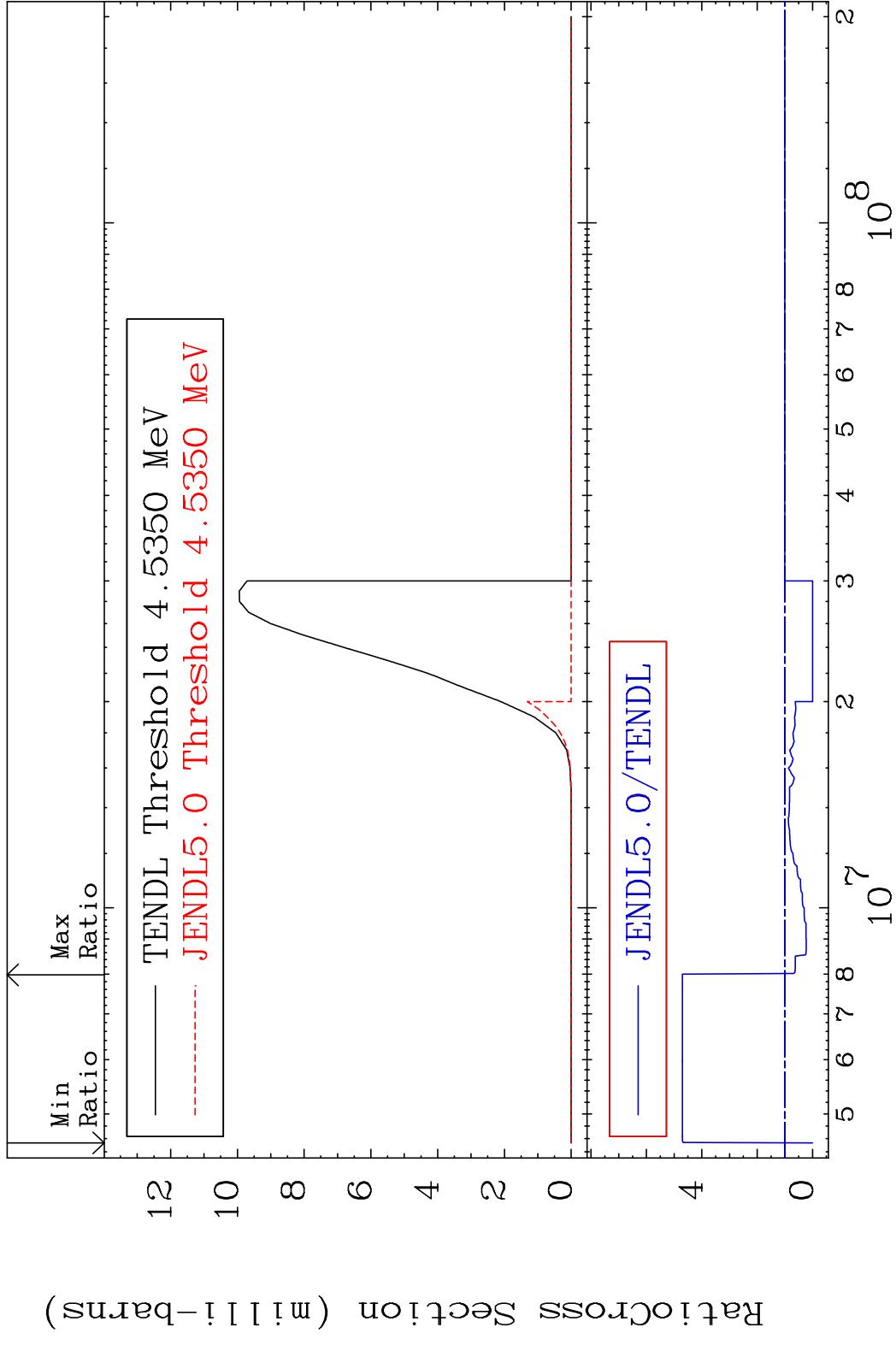
MAT 5047 (n, 3n):50-Sn-117m2 50-Sn-119m  
 Radionuclide Production Cross Section to 2.825 %



MAT 5047 (n, n')  $\alpha$ :48-Cd-115g 50-Sn-119m  
 Radionuclide Production Cross Section Ratio 0.000 %

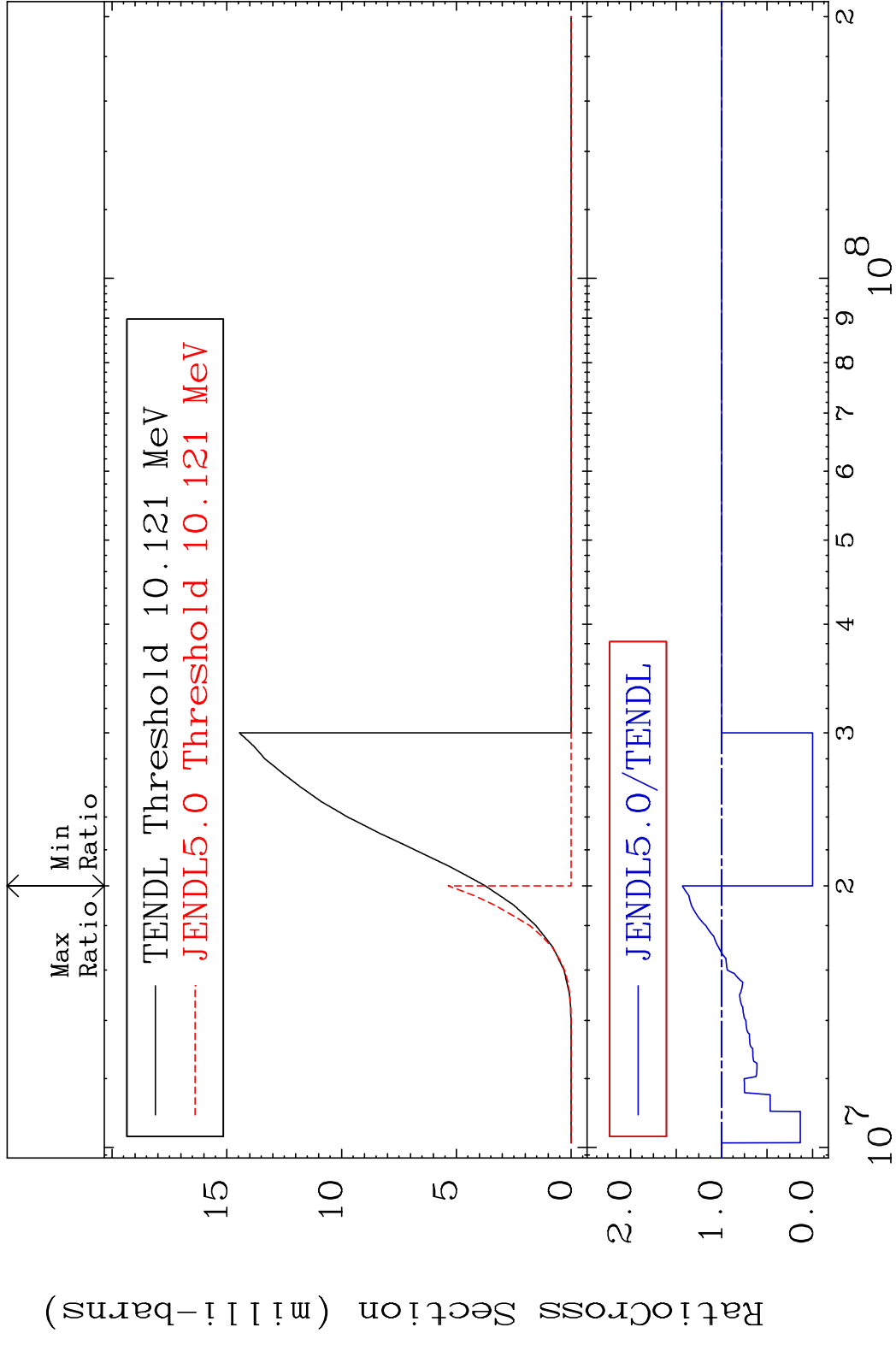


MAT 5047 (n, n')  $\alpha$ :48-Cd-115m1 50-Sn-119m  
 Radionuclide Production Cross Section to 370.2 %



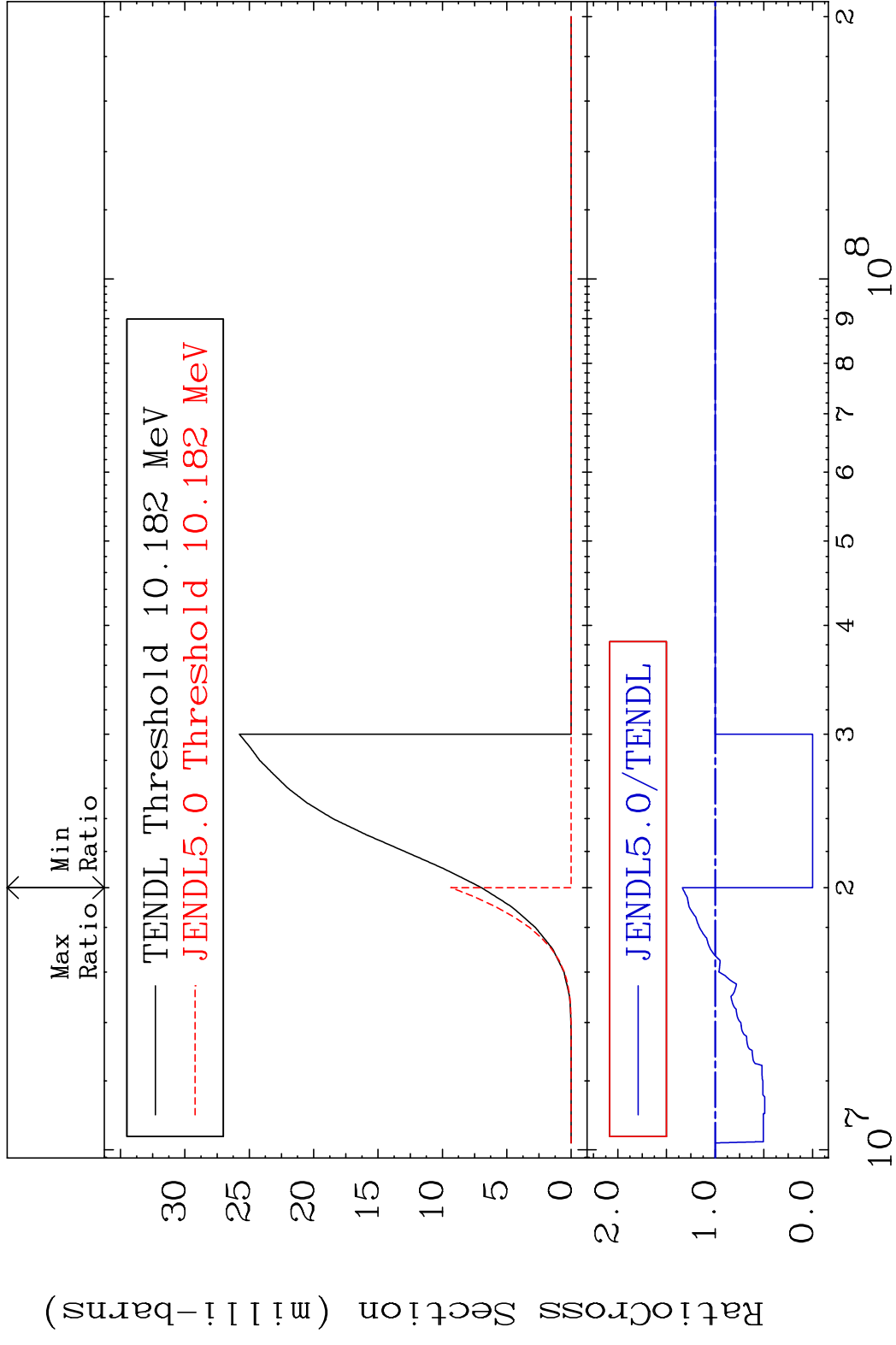


MAT 5047 (n, n') p:49-In-118g 50-Sn-119m  
 Radionuclide Production Cross Section 180.01 dth 43.15 %



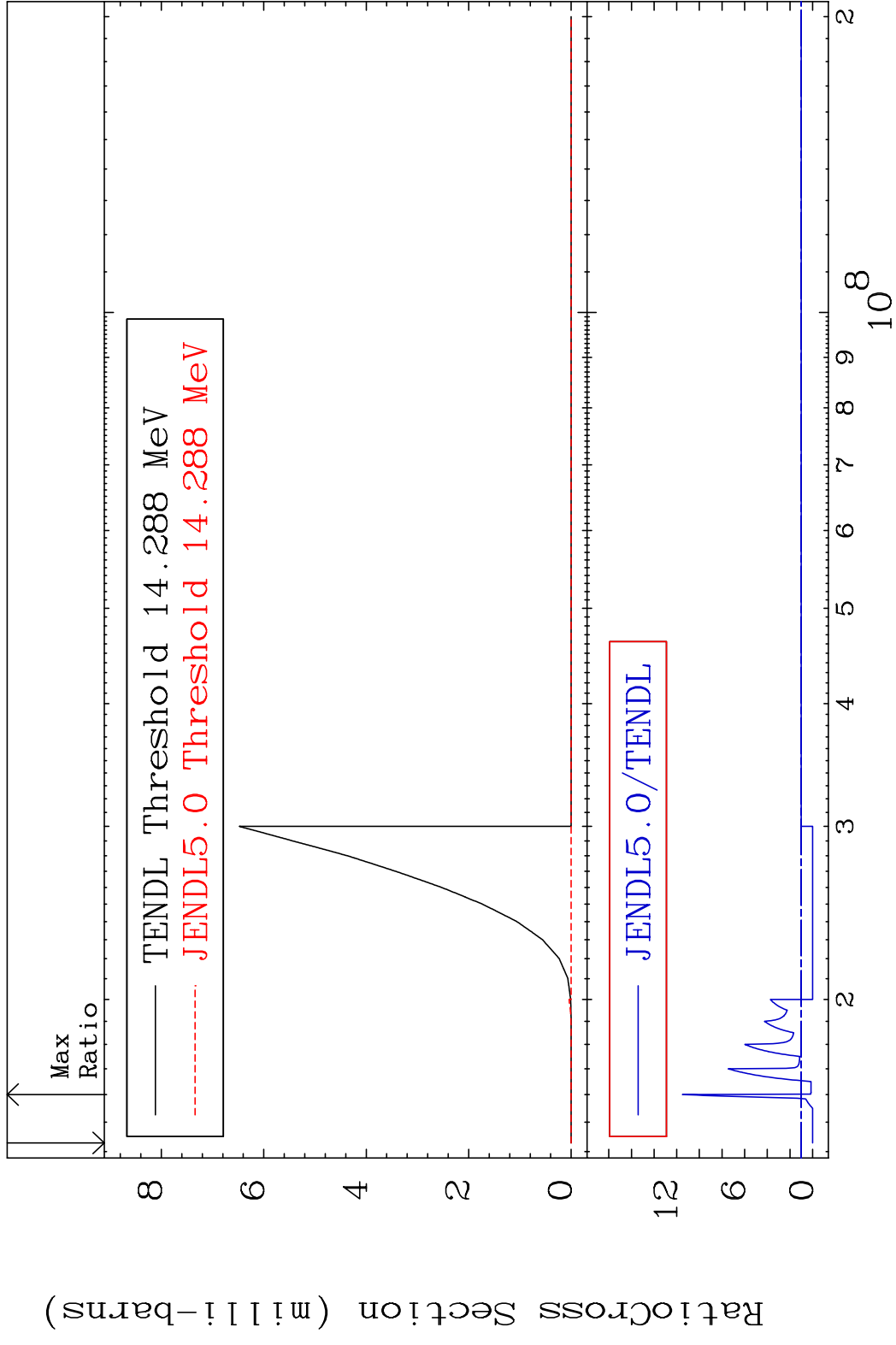
64 Incident Energy (eV) 50-Sn-119m

MAT 5047 (n, n') p:49-In-118m1 50-Sn-119m  
 Radionuclide Production Cross Section 33.74 %

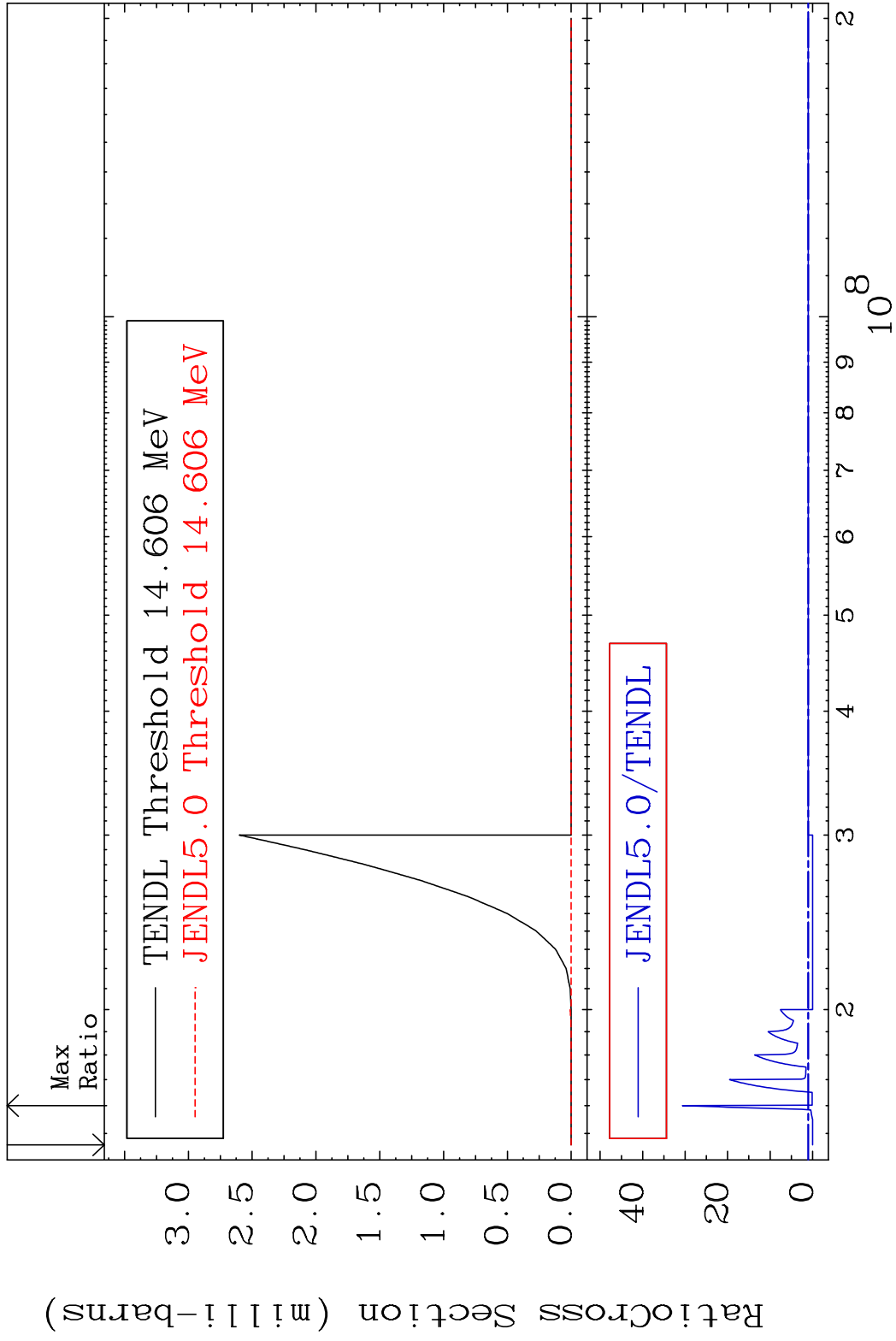


65 Incident Energy (eV) 50-Sn-119m

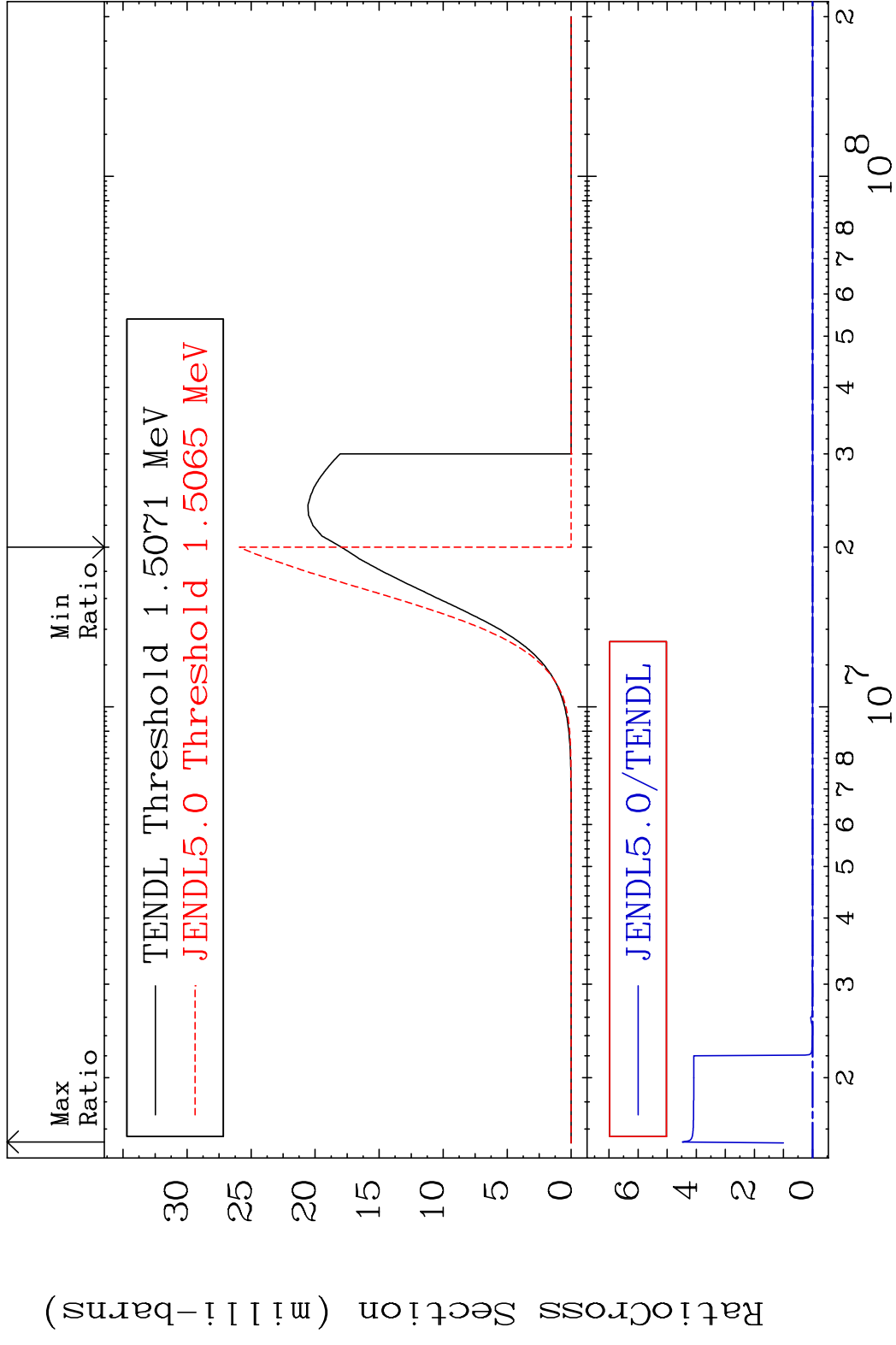
MAT 5047 (n, n') d:49-In-117g 50-Sn-119m  
 Radionuclide Production Cross Section to 1050. %



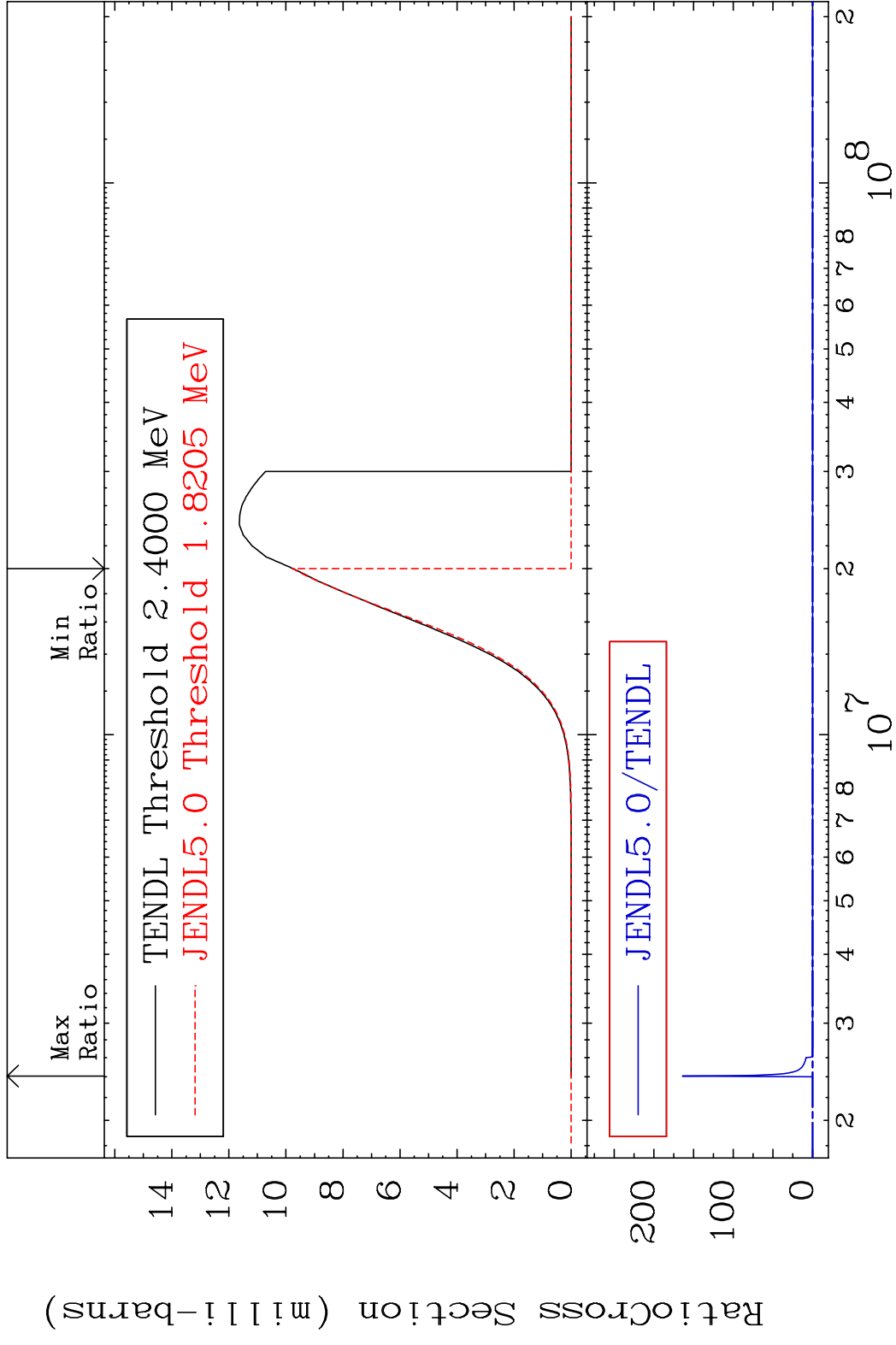
MAT 5047 (n, n') d:49-In-117m1 50-Sn-119m  
 Radionuclide Production Cross Section to 2965. %



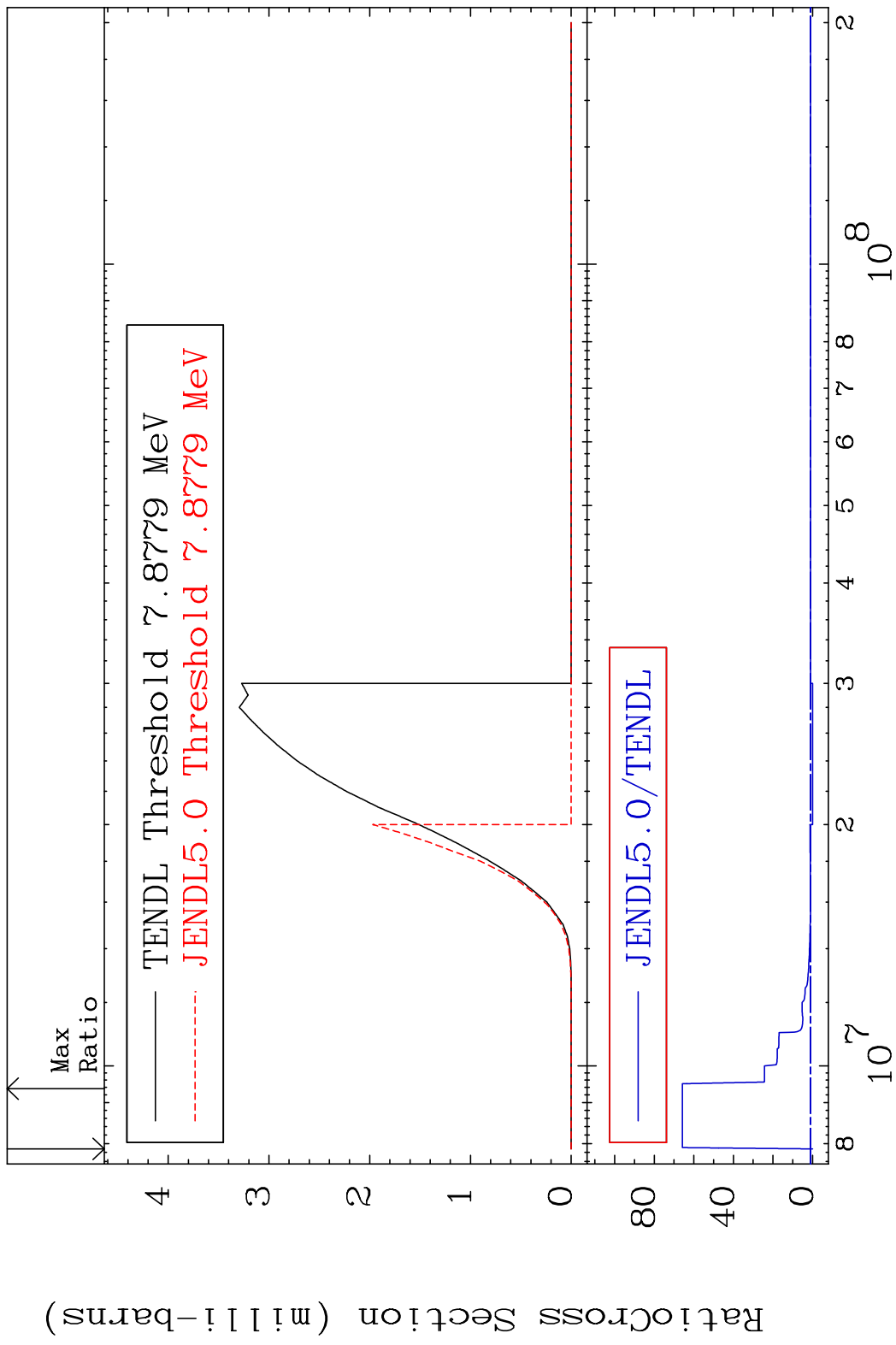
MAT 5047 (n,p):49-In-119g 50-Sn-119m  
 Radionuclide Production Cross Section to 9999. %



MAT 5047 (n, p): 49-In-119m1 50-Sn-119m  
 Radionuclide Production Cross Section to 9999. %

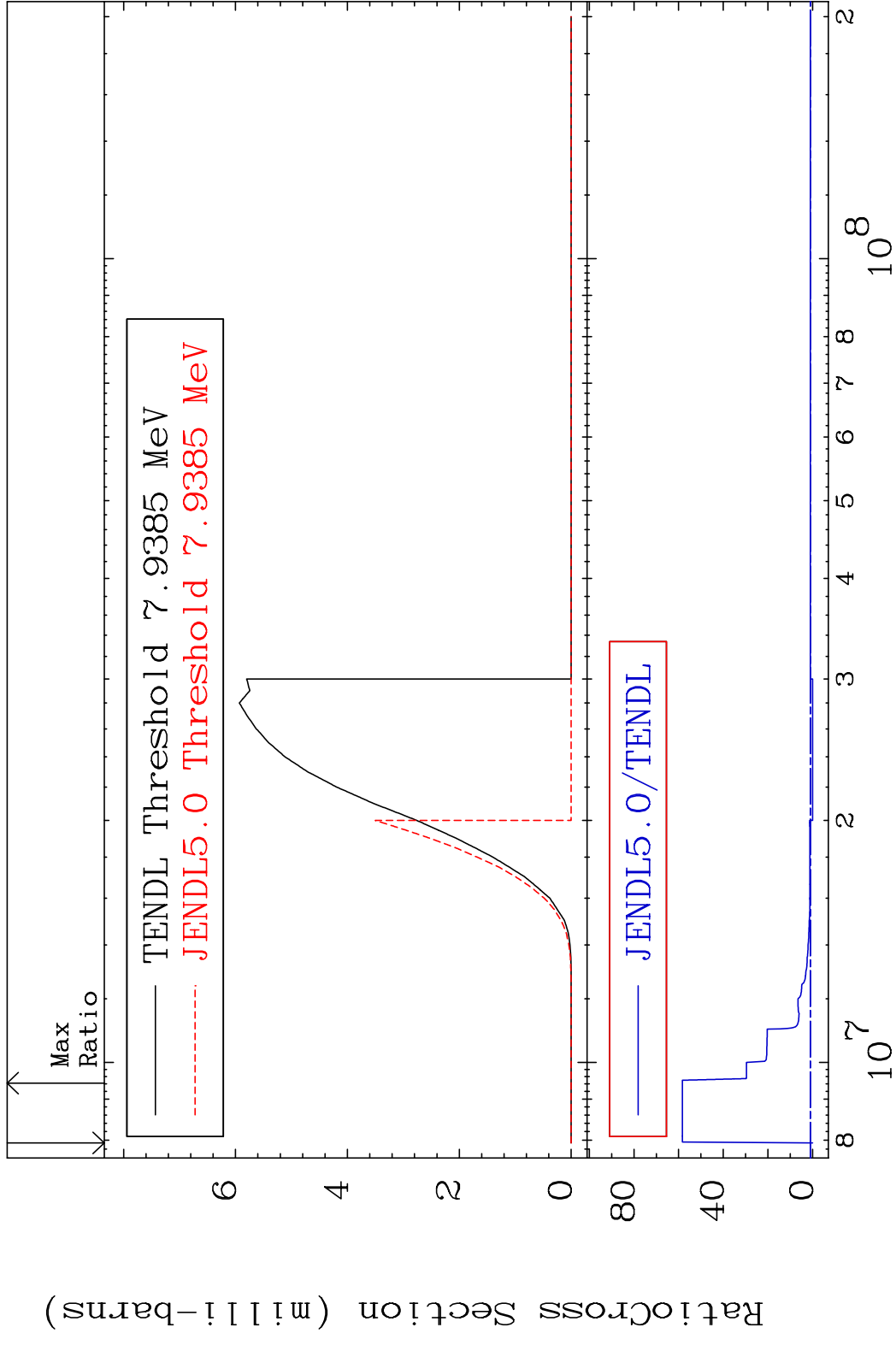


MAT 5047 (n,d):49-In-118g 50-Sn-119m  
 Radionuclide Production Cross Section to 6480. %



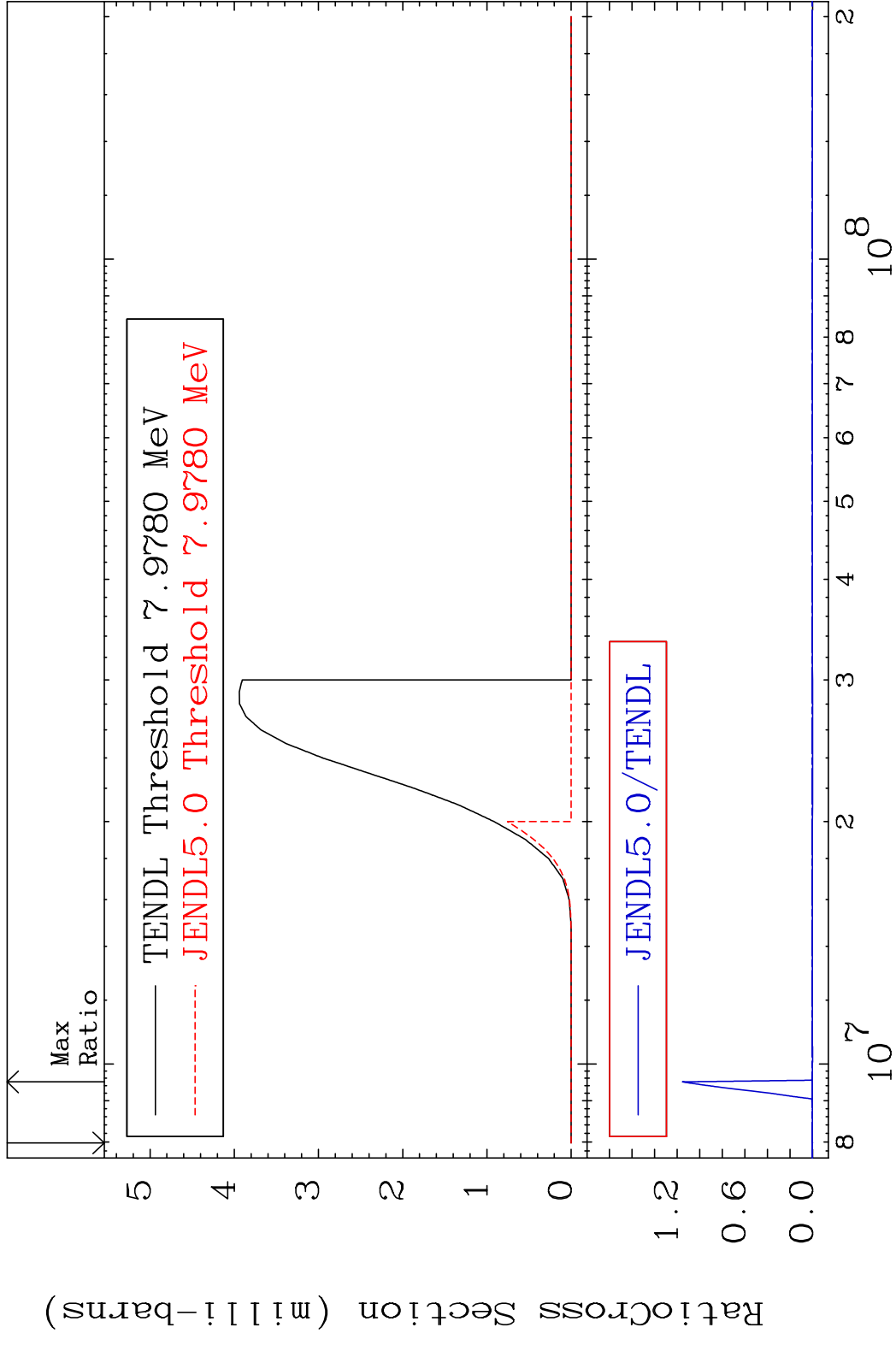
70 Incident Energy (eV) 50-Sn-119m

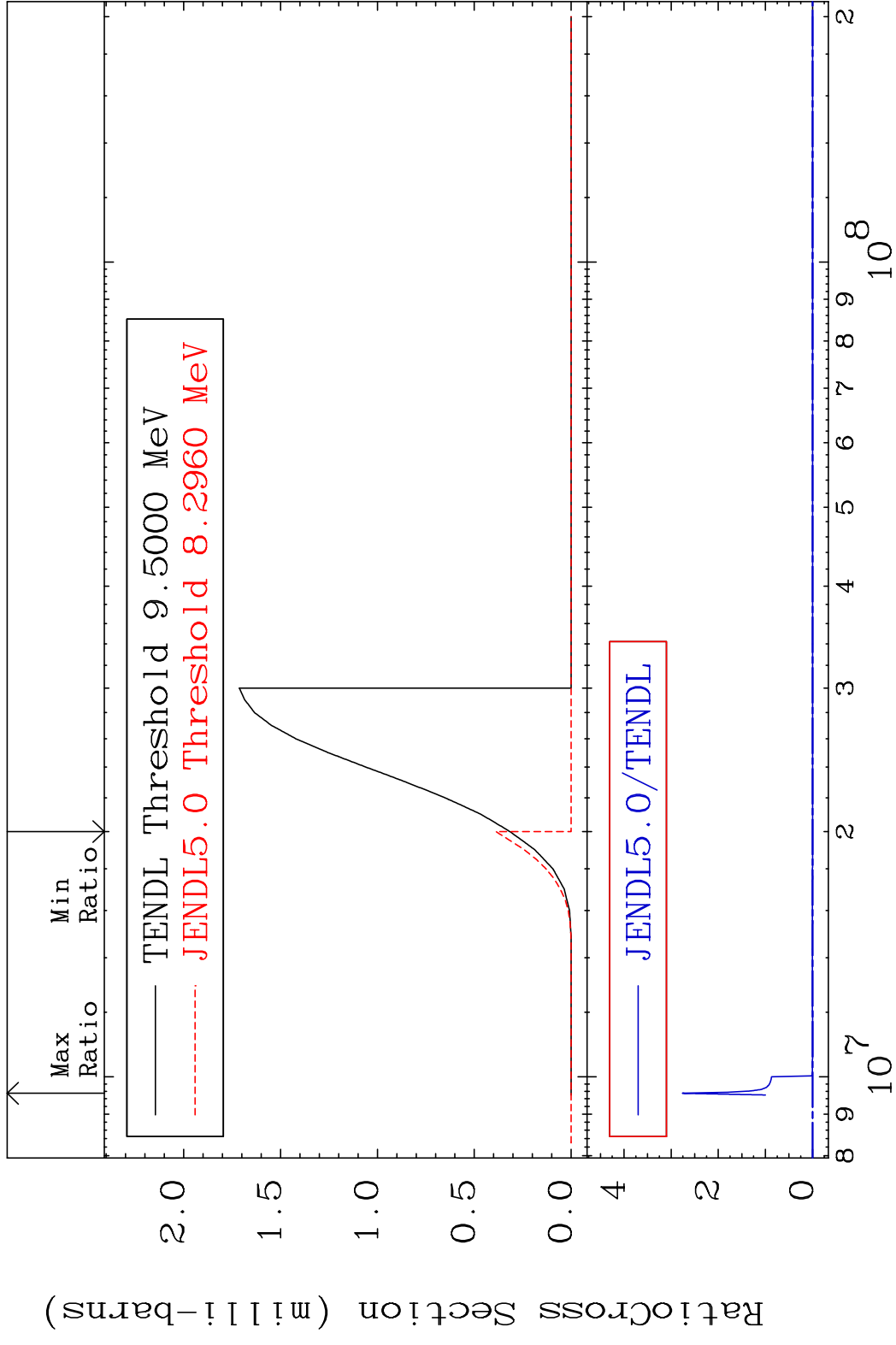
MAT 5047 (n,d):49-In-118m1 50-Sn-119m  
 Radionuclide Production Cross Section to 5732. %



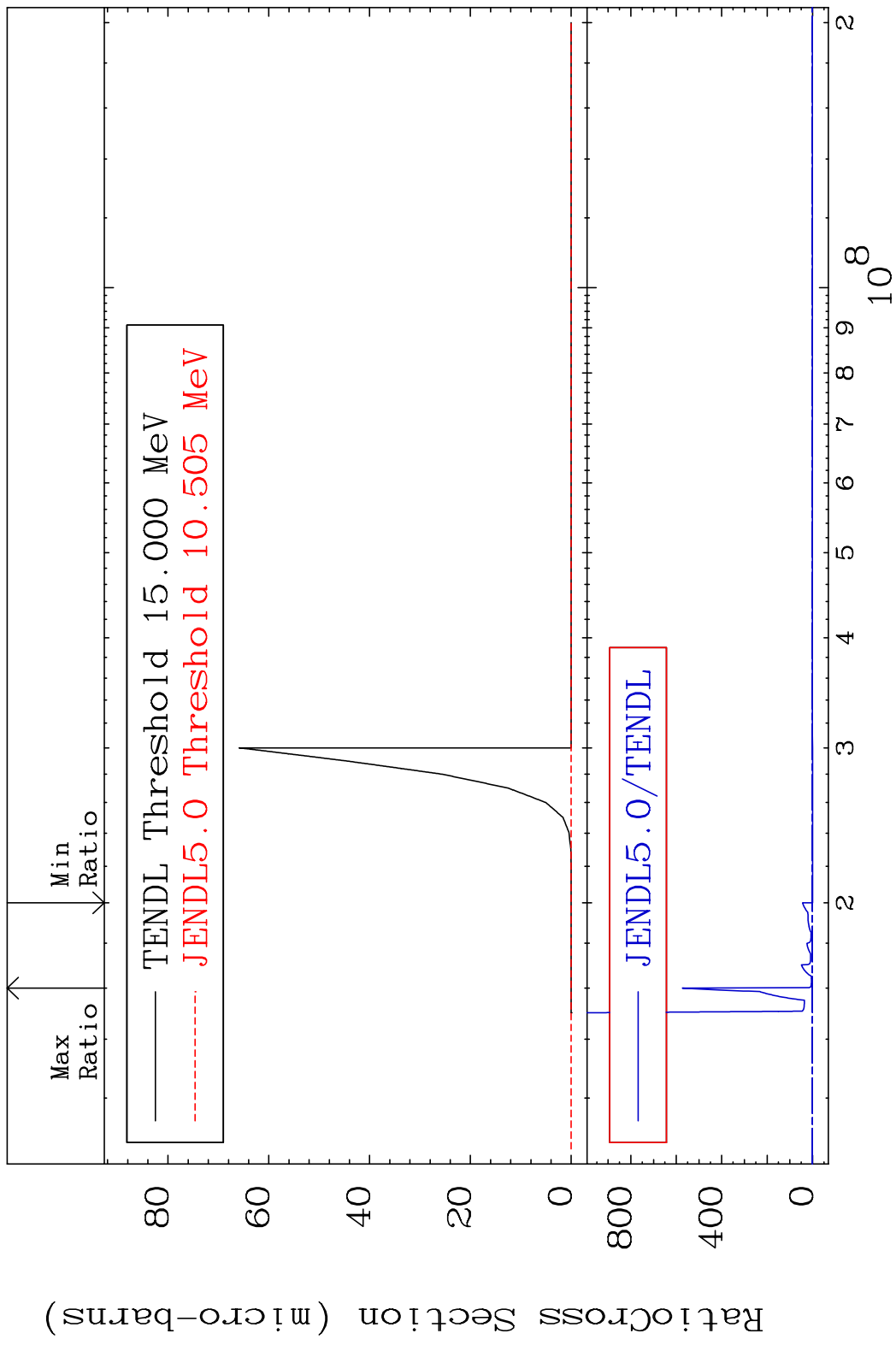


MAT 5047 (n,t):49-In-117g 50-Sn-119m  
 Radionuclide Production Cross Section to 9999. %





MAT 5047 (n, He-3): 48-Cd-117g 50-Sn-119m  
 Radionuclide Production Cross Section to 9999. %



MAT 5047 (n, He-3) : 48-Cd-117m2 50-Sn-119m  
 Radionuclide Production Cross Section to 6654. %

